

### Anti-CD11c antibody [EP1347Y] - C-terminal ab52632

重组 RabMAb

★★★★★ [18 Abreviews](#) [99 References](#) [13 图像](#)

#### 概述

产品名称	Anti-CD11c抗体[EP1347Y] - C-terminal
描述	兔单克隆抗体[EP1347Y] to CD11c - C-terminal
宿主	Rabbit
经测试应用	适用于: IHC-P, WB, IP
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: THP-1 starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate; THP-1 + TPA lysate. IHC-P: Human tonsil, lymph node and spleen tissues. IP: THP-1 starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EP1347Y

同种型

IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab52632于以下的经测试应用

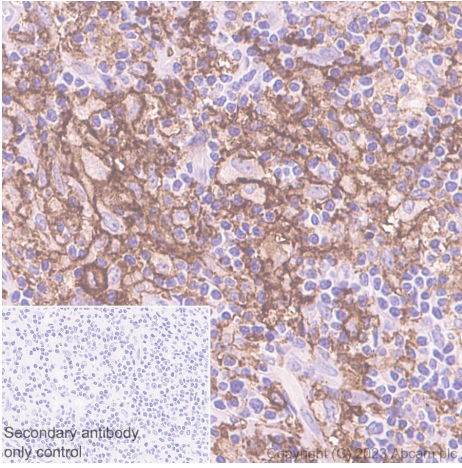
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P	★★★★★ (12)	1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. <b>For unpurified use at 1/100 - 1/250.</b>
WB		1/1000 - 1/10000. Detects a band of approximately 150 kDa (predicted molecular weight: 128 kDa).
IP		1/20. <b>For unpurified use at 1/80.</b>

## 靶标

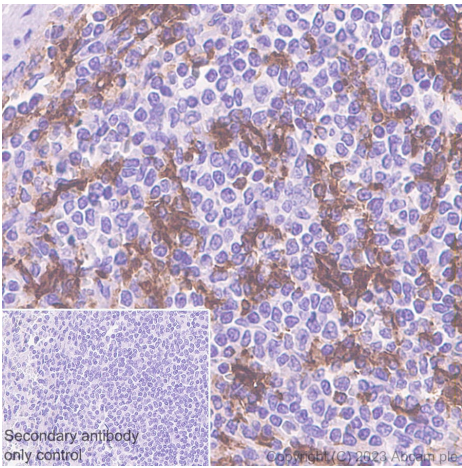
功能	Integrin alpha-X/beta-2 is a receptor for fibrinogen. It recognizes the sequence G-P-R in fibrinogen. It mediates cell-cell interaction during inflammatory responses. It is especially important in monocyte adhesion and chemotaxis.
组织特异性	Predominantly expressed in monocytes and granulocytes.
序列相似性	Belongs to the integrin alpha chain family. Contains 7 FG-GAP repeats. Contains 1 VWFA domain.
结构域	The integrin I-domain (insert) is a VWFA domain. Integrins with I-domains do not undergo protease cleavage.
细胞定位	Membrane.

## 图片



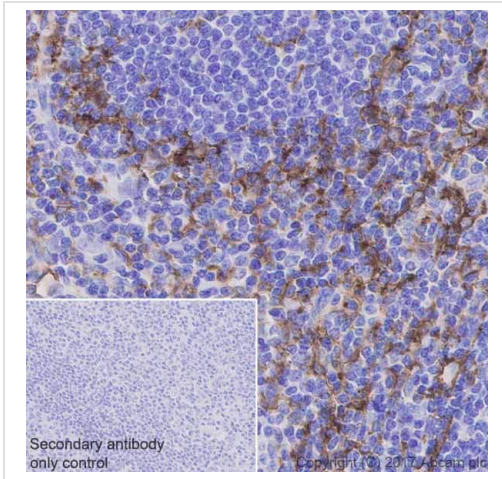
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody  
[EP1347Y] - C-terminal (ab52632)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human Hodgkin's lymphoma sections labeling CD11c with ab52632 at 1:5000 dilution (0.02 µg/ml). Heat mediated antigen retrieval was performed using Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins. Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) (ready to use) secondary antibody was used. Positive staining on human Hodgkin's lymphoma. The section was incubated with ab52632 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



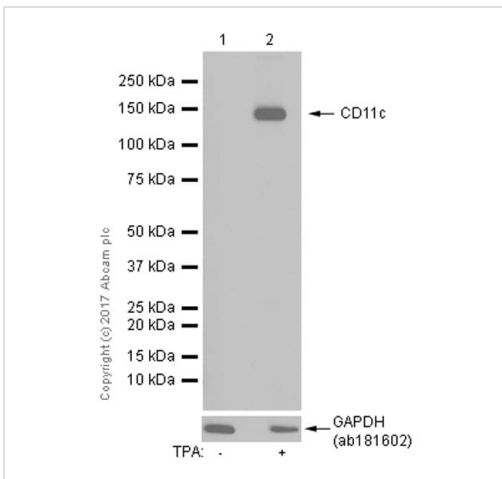
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody  
[EP1347Y] - C-terminal (ab52632)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human spleen tissue sections labeling CD11c with ab52632 at 1:5000 dilution (0.02 µg/ml). Heat mediated antigen retrieval was performed using Tris-EDTA buffer (pH 9.0, Epitope Retrieval Solution2) for 20 mins. Tissue was counterstained with Hematoxylin. Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) (ready to use) secondary antibody was used. Positive staining on human spleen. The section was incubated with ab52632 for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND® RX instrument.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody [EP1347Y] (ab52632)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human tonsil tissue sections labeling CD11c with Purified ab52632 at 1:500 dilution (0.21 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). Tissue was counterstained with Hematoxylin. ImmunoHistoProbe one step HRP Polymer (ready to use) secondary antibody was used at 1:0 dilution. PBS instead of the primary antibody was used as the negative control.



Western blot - Anti-CD11c antibody [EP1347Y] (ab52632)

**All lanes** : Anti-CD11c antibody [EP1347Y] - C-terminal (ab52632) at 1/1000 dilution (purified)

**Lane 1** : Untreated THP-1 (Human monocytic leukemia monocyte) whole cell lysates

**Lane 2** : THP-1 (Human monocytic leukemia monocyte) starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysates

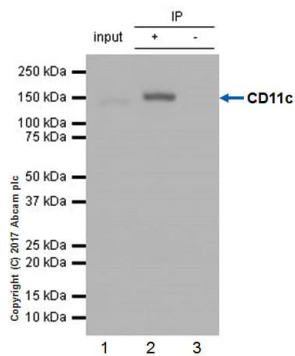
Lysates/proteins at 15 µg per lane.

**Secondary**

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 128 kDa

Blocking and diluting buffer: 5% NFDm/TBST



Immunoprecipitation - Anti-CD11c antibody  
[EP1347Y] (ab52632)

ab52632 (purified) at 1:20 dilution (2µg) immunoprecipitating CD11c in THP-1 (Human monocytic leukemia monocyte) starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate.

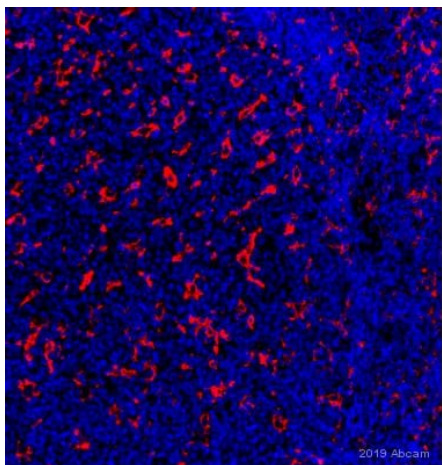
**Lane 1 (input):** THP-1 (Human monocytic leukemia monocyte) starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate 10ug

**Lane 2 (+):** ab52632 & THP-1 (Human monocytic leukemia monocyte) starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate

**Lane 3 (-):** Rabbit monoclonal IgG (**ab172730**) instead of ab52632 in THP-1 (Human monocytic leukemia monocyte) starved for 2 hours, then treated with Phorbol-12-myristate-13-acetate at 100ng/ml for 96 hours whole cell lysate

For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used for detection at 1:1000 dilution.

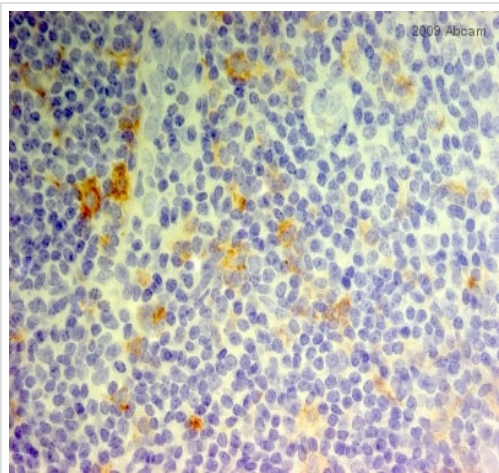
Blocking and diluting buffer: 5% NFDm/TBST."



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody  
[EP1347Y] - C-terminal (ab52632)

Image courtesy of an anonymous abreview

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labelling CD11c with ab52632 at 1/500 dilution. Tissue fixed with 10% NBF. An Alexa Fluor® 647 Goat anti-Rabbit IgG secondary antibody was used. Heat mediated antigen retrieval with Tris/EDTA, pH 9 carried out.

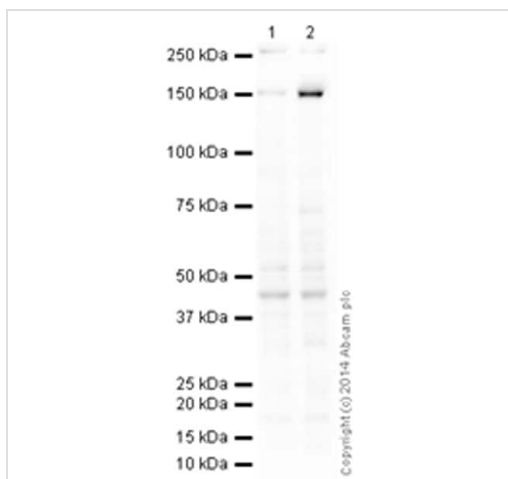


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody

[EP1347Y] (ab52632)

This image is courtesy of an Abreview submitted by James Jupp

Unpurified ab52632 at 1/400 dilution staining CD11c in human tonsil tissue by immunohistochemistry (formalin/PFA-fixed paraffin-embedded sections). Sections were paraformaldehyde fixed, prior to blocking in 10% BSA in FCS (20ml) + DMEM (80ml) for 30 minutes at 21°C and then incubated with ab52632 for 20 hours at 4°C. A biotin conjugated rabbit polyclonal to mouse Ig, diluted 1/400, was used as the secondary antibody.



Western blot - Anti-CD11c antibody [EP1347Y] (ab52632)

**All lanes** : Anti-CD11c antibody [EP1347Y] - C-terminal (ab52632) at 1/1000 dilution (unpurified)

**Lane 1** : THP1 (Human acute monocytic leukemia cell line) Whole Cell Lysate

**Lane 2** : THP1 (Human acute monocytic leukemia cell line) + PMA Whole Cell Lysate

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

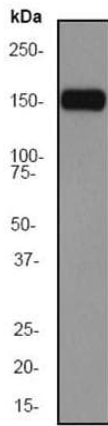
**Predicted band size:** 128 kDa

**Observed band size:** 150 kDa

**Exposure time:** 4 minutes

This blot was produced using a 10% Bis-tris gel under the MOPS buffer system. The gel was run at 200V for 50 minutes before being

transferred onto a Nitrocellulose membrane at 30V for 70 minutes. The membrane was then blocked for an hour using 2% Bovine Serum Albumin before being incubated with ab52632 overnight at 4°C. Antibody binding was detected using an anti-rabbit antibody conjugated to HRP, and visualised using ECL development solution.



Western blot - Anti-CD11c antibody [EP1347Y]  
(ab52632)

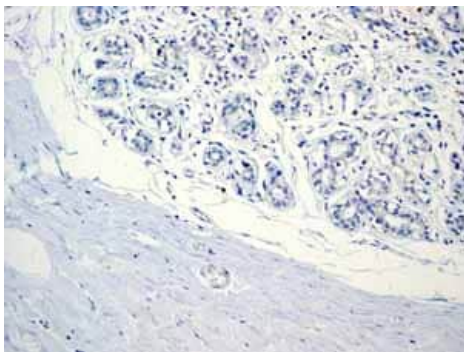
Anti-CD11c antibody [EP1347Y] - C-terminal (ab52632) at 1/1000 dilution (unpurified) + THP-1 + TPA lysate at 10 µg

### Secondary

Goat anti-rabbit HRP at 1/2000 dilution

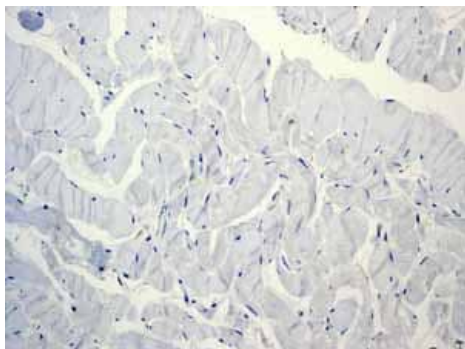
**Predicted band size:** 128 kDa

**Observed band size:** 150 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody [EP1347Y] (ab52632)

Unpurified ab52632 showing negative staining in Normal breast tissue.



Unpurified ab52632 showing negative staining in Skeletal muscle tissue.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody [EP1347Y] (ab52632)


**Tissue Microarray (TMA) data for ab52632**

Normal tissue samples		Malignant tissue samples	
Human cardiac muscle	x	Human placenta	x
Human cerebrum	x	Human skeletal muscle	x
Human colon	x (immune cells ✓)	Human skin	x
Human endometrium	x (immune cells ✓)	Human spleen	✓
Human kidney	x (immune cells ✓)	Human stomach	x
Human liver	x (Kupffer cells ✓)	Human testis	x
Human lung	x (immune cells ✓)	Human thyroid	x
Human mammary gland	x	Human tonsil	✓
Human pancreas	x (immune cells ✓)		
		Clear cell carcinoma of human kidney	x (immune cells ✓)
		Human bladder cancer	x (immune cells ✓)
		Human breast carcinoma	x
		Human cervical carcinoma	x (immune cells ✓)
		Human colon carcinoma	x (immune cells ✓)
		Human endometrial carcinoma	x (immune cells ✓)
		Human gastric adenocarcinoma	x
		Human glioma	x
		Human hepatocellular carcinoma	x (immune cells ✓)
		Human lung carcinoma	x (immune cells ✓)
		Human ovarian carcinoma	x
		Human pancreatic carcinoma	x (immune cells ✓)
		Human prostatic hyperplasia	x (immune cells ✓)
		Human thyroid carcinoma	x (immune cells ✓)


Tissue Microarrays stained for "Anti-CD11c antibody [EP1347Y] - C-terminal" using "ab52632" in immunohistochemical analysis. This table provides a detailed overview of positive (tick mark) and negative (cross mark) staining per sample type tested. The sections were pre-treated using Heat mediated antigen retrieval using Bond™ Epitope Retrieval Solution 2 (pH 9.0) for 20 minutes. The sections were incubated with ab52632 for 30 mins at room temperature followed by a ready to use Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**). The immunostaining was performed on a Leica Biosystems BOND® RX instrument.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD11c antibody [EP1347Y] - C-terminal (ab52632)


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**Long-term and scalable supply**  
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Anti-CD11c antibody [EP1347Y] - C-terminal (ab52632)



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