

Anti-IL-12A antibody [EP5737] ab131039

重组 RabMAb

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概述

产品名称	Anti-IL-12A抗体[EP5737]
描述	兔单克隆抗体[EP5737] to IL-12A
宿主	Rabbit
经测试应用	适用于: WB, IHC-P, Flow Cyt (Intra)
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	NIH3T3, HuT-78, and Raw 264.7 cell lysates; Human kidney tissue, Human gastric carcinoma, Human colon tissue.
常规说明	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p> <p>Rat: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</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. 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	EP5737
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab131039于以下的经测试应用

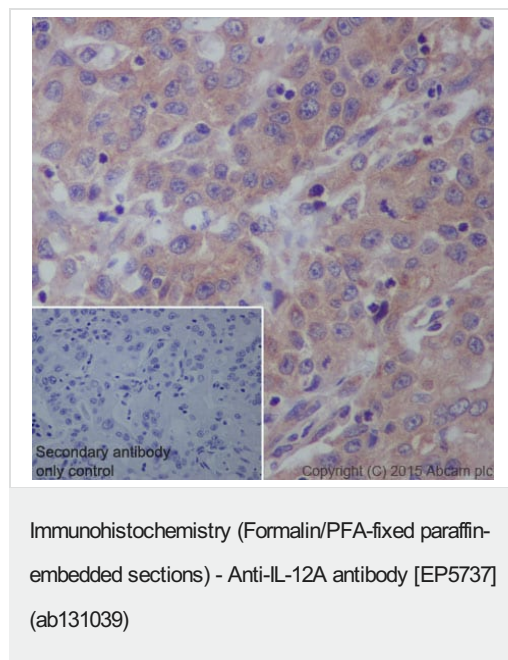
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/1000 - 1/10000. Predicted molecular weight: 25 kDa.
IHC-P	★★★★★ (1)	1/800. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. See IHC antigen retrieval protocols . For unpurified use at 1/250 - 1/500.
Flow Cyt (Intra)		1/19000.

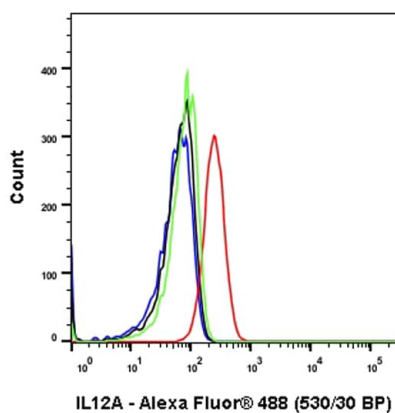
靶标

功能	Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC.
序列相似性	Belongs to the IL-6 superfamily.
细胞定位	Secreted.

图片

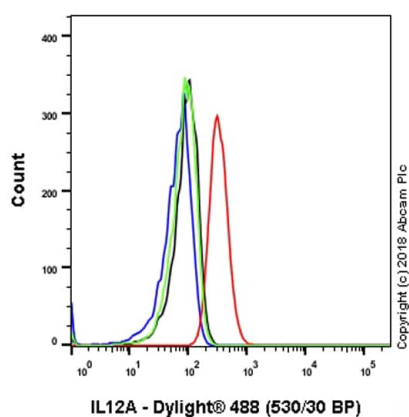


Immunohistochemical staining of paraffin embedded human gastric carcinoma tissue section labelling IL-12A with purified ab131039 at dilution of 1/800. The secondary antibody used was HRP conjugated Goat Anti-Rabbit IgG H&L ([ab97051](#)) at dilution of 1/500. The sample was counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control and is shown in the inset.



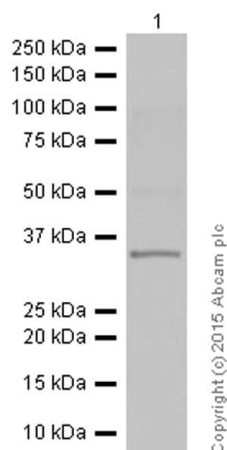
Flow Cytometry (Intracellular) - Anti-IL-12A antibody
[EP5737] (ab131039)

Intracellular Flow Cytometry analysis of Raw264.7 cells treated with 100ng/ml for LPS 24hour cells labelling IL-12A with ab131039 at 1/19000 dilution (1.02 µg/ml) (Red). Cells were fixed with 4% paraformaldehyde . Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (**ab172730**) (Black). Unlabeled control - Unlabelled cells (Blue).



Flow Cytometry (Intracellular) - Anti-IL-12A antibody
[EP5737] (ab131039)

Intracellular Flow Cytometry analysis of THP-1 cells treated with 100ng/ml PMA for 30min, then 1µg/ml LPS for 24hour cells labelling IL-12A with ab131039 at 1/19000 dilution (1.02µg/ml) (Red). Cells were fixed with 4% paraformaldehyde . Dylight488® (Ab98462) was used as the secondary antibody at 1/2000 dilution. Isotype control - Rabbit monoclonal IgG (**ab172730**) (Black). Unlabeled control - Unlabelled cells (Blue). Untreated cells (Green).



Western blot - Anti-IL-12A antibody [EP5737]
(ab131039)

Anti-IL-12A antibody [EP5737] (ab131039) at 1/1000 dilution
(purified) + HuT-78 (human Sezary syndrome) whole cell lysate at
20 µg

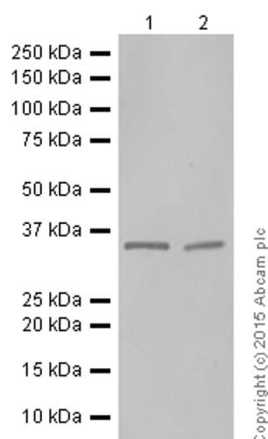
Secondary

Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at
1/2000 dilution

Predicted band size: 25 kDa

Observed band size: 35 kDa

Blocking and diluting buffer 5% NFDm/TBST



Western blot - Anti-IL-12A antibody [EP5737]
(ab131039)

All lanes : Anti-IL-12A antibody [EP5737] (ab131039) at 1/5000
dilution (purified)

Lane 1 : NIH/3T3 (mouse embryo) whole cell lysate

Lane 2 : Raw264.7 (mouse abelson murine leukemia virus-induced
tumor) whole cell lysate

Lysates/proteins at 20 µg per lane.

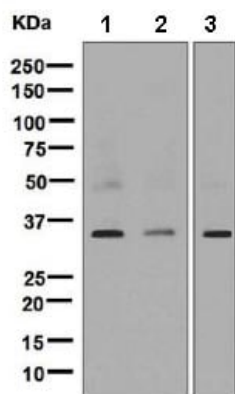
Secondary

All lanes : Anti-Rabbit IgG (HRP), specific to the non-reduced form
of IgG at 1/2000 dilution

Predicted band size: 25 kDa

Observed band size: 35 kDa

Blocking and diluting buffer 5% NFDm/TBST



Western blot - Anti-IL-12A antibody [EP5737]
(ab131039)

All lanes : Anti-IL-12A antibody [EP5737] (ab131039) at 1/1000 dilution (unpurified)

Lane 1 : NIH3T3 cell lysate

Lane 2 : HuT-78 cell lysate

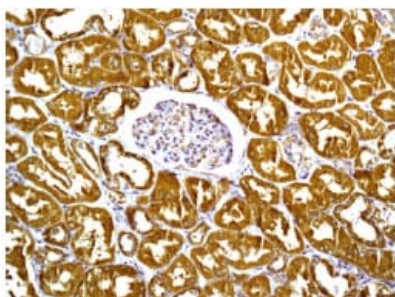
Lane 3 : Raw 264.7 cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

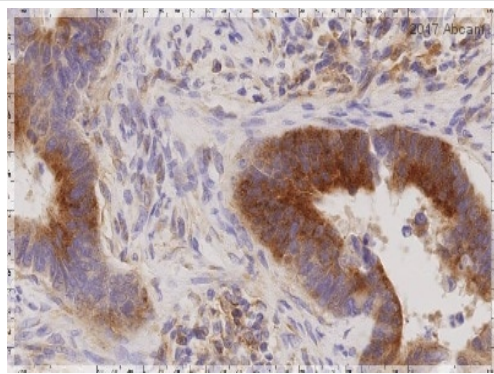
Predicted band size: 25 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-12A antibody [EP5737]
(ab131039)

Immunohistochemical analysis of paraffin-embedded human kidney tissue sections labelling IL-12A with unpurified ab131039 at dilution of 1:250.

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-IL-12A antibody [EP5737]
(ab131039)

This image is courtesy of an anonymous Abreview.

Formaldehyde-fixed, paraffin-embedded human colon tissue stained for IL-12A using ab131039 at 1/500 dilution in immunohistochemical analysis.

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-IL-12A antibody [EP5737] (ab131039)

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