abcam

Product datasheet

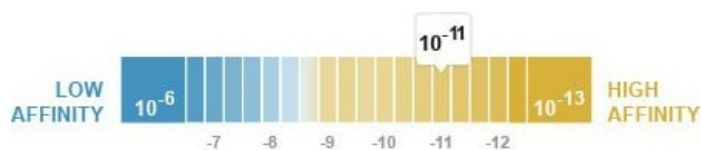# Anti-CD93 antibody [EPR5386] ab134079

重组 RabMAb

4 References   5 图像

概述

产品名称	Anti-CD93抗体[EPR5386]
描述	兔单克隆抗体[EPR5386] to CD93
宿主	Rabbit
经测试应用	**适用于:** WB, Flow Cyt (Intra) **不适用于:** ELISA,IHC-P or IP
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: U937 (human histiocytic lymphoma monocyte) whole cell lysate, Rat spleen tissue lysate, Mouse spleen tissue lysate.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
解离常数（K_D）	$K_D = 1.80 \times 10^{-11}$ M

Learn more about K_D

存储溶液	pH: 7.2 Preservative: 0.05% Sodium azide

Constituents: 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant

纯度	Protein A purified
克隆	单克隆
克隆编号	EPR5386
同种型	IgG

应用

The Abpromise guarantee	**Abpromise™承诺保证使用ab134079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. Detects a band of approximately 120 kDa (predicted molecular weight: 69 kDa).
Flow Cyt (Intra)		1/100 - 1/500. **ab172730** - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

应用说明	Is unsuitable for ELISA,IHC-P or IP.

靶标

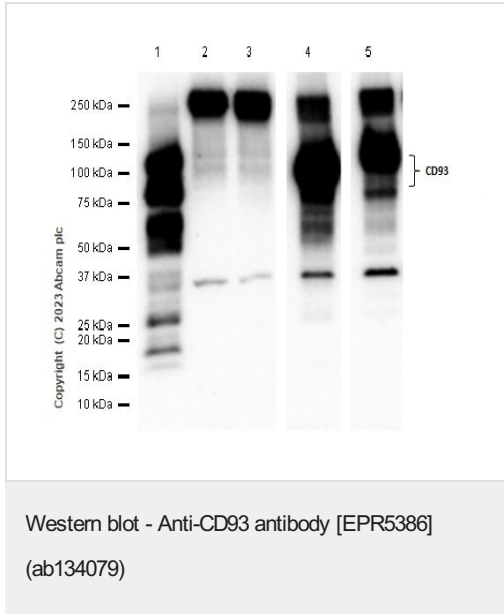|	
功能	Receptor (or element of a larger receptor complex) for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). May mediate the enhancement of phagocytosis in monocytes and macrophages upon interaction with soluble defense collagens. May play a role in intercellular adhesion.
组织特异性	Highly expressed in endothelial cells, platelets, cells of myeloid origin, such as monocytes and neutrophils. Not expressed in cells of lymphoid origin.
序列相似性	Contains 1 C-type lectin domain. Contains 5 EGF-like domains.
翻译后修饰	N- and O-glycosylated.
细胞定位	Membrane.

图片

Western blot - Anti-CD93 antibody [EPR5386] (ab134079)

All lanes : Anti-CD93 antibody [EPR5386] (ab134079) at 1/1000 dilution

Lane 1 : U937 (human histiocytic lymphoma monocyte) whole cell lysate

Lane 2 : Raji (human Burkitt's lymphoma B lymphocyte) whole cell lysate

Lane 3 : 293T (human embryonic kidney epithelial cell) whole cell lysate

Lane 4 : Rat spleen tissue lysate

Lane 5 : Mouse spleen tissue lysate

Lysates/proteins at 20 µg per lane.

Secondary

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

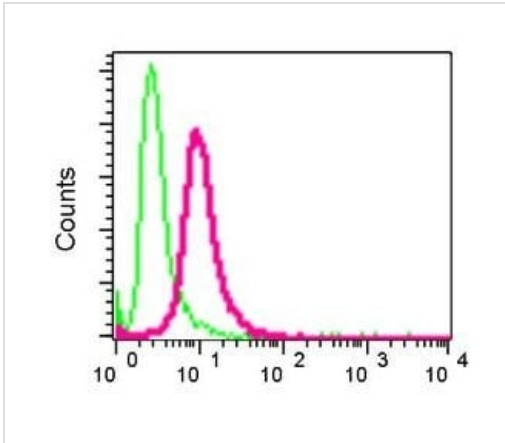**Predicted band size:** 69 kDa

Observed band size: 100,50-80 kDa

Exposure time: 180 seconds

Bands around 100kDa and 75kDa are full length CD93 with different level of glycosylation (PMID: 19603257). We are not sure the identity of bands below 70kDa.

The expression profile observed in Raji and 293T is consistent with the literatures (PMID: 31182688, PMID:15459234)
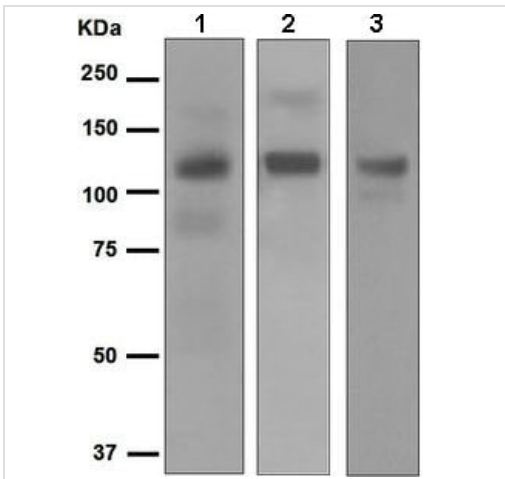
Negative control: Raji and 293T (PMID: 31182688, PMID:15459234)

Blocking and dilution buffer: 5% NFDM/TBST.

Intracellular flow cytometric analysis of permeabilized THP-1 cells labelling CD93 red with ab134079 at 1/100 and a rabbit IgG negative (green).

Flow Cytometry (Intracellular) - Anti-CD93 antibody [EPR5386] (ab134079)

Western blot - Anti-CD93 antibody [EPR5386] (ab134079)

All lanes : Anti-CD93 antibody [EPR5386] (ab134079) at 1/1000 dilution

Lane 1 : THP-1 lysate
Lane 2 : Rat kidney lysate
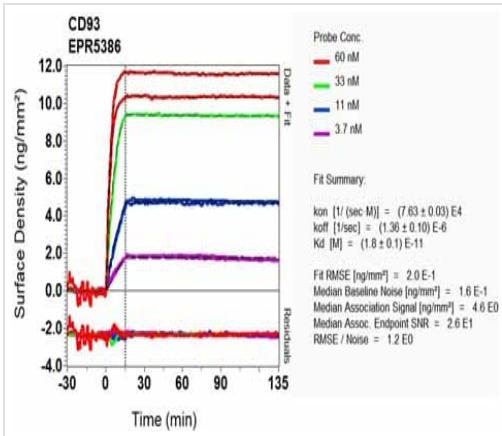**Lane 3 :** Human platelet lysate

Lysates/proteins at 10 µg per lane.

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

Predicted band size: 69 kDa
Observed band size: 120 kDa

OI-RD Scanning - Anti-CD93 antibody [EPR5386] (ab134079)

Equilibrium disassociation constant (K_D)

Learn more about K_D

Click here to learn more about K_D

Anti-CD93 antibody [EPR5386] (ab134079)

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