

Anti-Flt3 / CD135 antibody [EPR22232-318] - BSA and Azide free ab245824

敲除验证
重组
RabMAb

3 图像

概述

产品名称	Anti-Flt3 / CD135抗体[EPR22232-318] - BSA and Azide free
描述	兔单克隆抗体[EPR22232-318] to Flt3 / CD135 - BSA and Azide free
宿主	Rabbit
经测试应用	适用于: WB, IP 不适用于: Flow Cyt, ICC/IF or IHC-P
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: His-tagged human Flt3 / CD135 active protein(aa27-541); THP-1 whole cell lysate. IP: THP-1 whole cell lysate.
常规说明	ab245824 is the carrier-free version of ab245116 .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

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 +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22232-318
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab245824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。

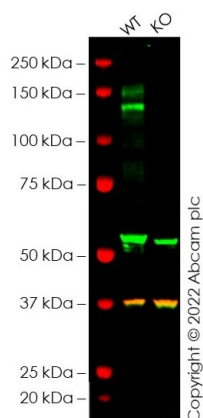
应用	Ab评论	说明
WB		Use at an assay dependent concentration. Detects a band of approximately 160, 130 kDa (predicted molecular weight: 113 kDa).
IP		Use at an assay dependent concentration.

应用说明 Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

靶标

功能	Receptor for the FL cytokine. Has a tyrosine-protein kinase activity.
组织特异性	Bone marrow cells.
序列相似性	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 protein kinase domain.
细胞定位	Membrane.

图片



Western blot - Anti-Flt3 / CD135 antibody
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All lanes : Anti-Flt3 / CD135 antibody [EPR22232-318]
([ab245116](#)) at 1/1000 dilution

Lane 1 : Wild-type THP-1 cell lysate

Lane 2 : FLT3 knockout THP-1 cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

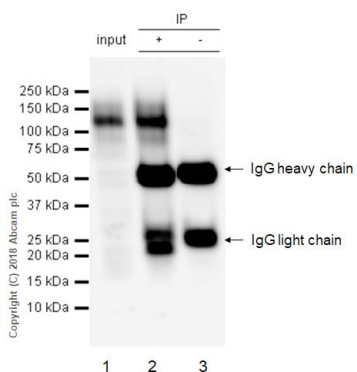
All lanes : Goat anti-Rabbit IgG H&L 800CW and Goat anti-Mouse IgG H&L 680RD at 1/20000 dilution

Predicted band size: 113 kDa

Observed band size: 130 kDa

False colour image of Western blot: Anti-Flt3 / CD135 antibody [EPR22232-318] staining at 1/1000 dilution, shown in green; Mouse anti-GAPDH antibody [6C5] ([ab8245](#)) loading control staining at 1/20000 dilution, shown in red. In Western blot, [ab245116](#) was shown to bind specifically to Flt3 / CD135. A band was observed at 130 kDa in wild-type THP-1 cell lysates with no signal observed at this size in FLT3 knockout cell line [ab282857](#) (knockout cell lysate [ab283225](#)). The band observed at 60 kDa has not been identified. To generate this image, wild-type and FLT3 knockout THP-1 cell lysates were analysed. First, samples were run on an SDS-PAGE gel then transferred onto a nitrocellulose membrane. Membranes were blocked in 3 % milk in TBS-0.1 % Tween[®] 20 (TBS-T) before incubation with primary antibodies overnight at 4 °C. Blots were washed four times in TBS-T, incubated with secondary antibodies for 1 h at room temperature, washed again four times then imaged. Secondary antibodies used were Goat anti-Rabbit IgG H&L 800CW and Goat anti-Mouse IgG H&L 680RD at 1/20000 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab245116](#)).



Immunoprecipitation - Anti-Flt3 / CD135 antibody
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Flt3 / CD135 was immunoprecipitated from 0.35 mg of THP-1 (human monocytic leukemia cell line) whole cell lysate with **ab245116** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab245116** at 1/1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/10,000 dilution.

Lane 1: THP-1 whole cell lysate 10 µg (Input).

Lane 2: **ab245116** IP in THP-1 whole cell lysate (+).

Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab245116** in THP-1 whole cell lysate (-).

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 1 minute.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab245116**).

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

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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