

Anti-Flt3 / CD135 (phospho Y589) antibody [EPR2311(2)] ab171975

Recombinant RabMAb

[1 References](#) [2 Images](#)

Overview

Product name	Anti-Flt3 / CD135 (phospho Y589) antibody [EPR2311(2)]
Description	Rabbit monoclonal [EPR2311(2)] to Flt3 / CD135 (phospho Y589)
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, IHC-P or IP
Species reactivity	Reacts with: Human Does not react with: Mouse, Rat
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Pervanadate treated A431 whole cell lysate.
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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 .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Protein A purified

Clonality	Monoclonal
Clone number	EPR2311(2)
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab171975 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

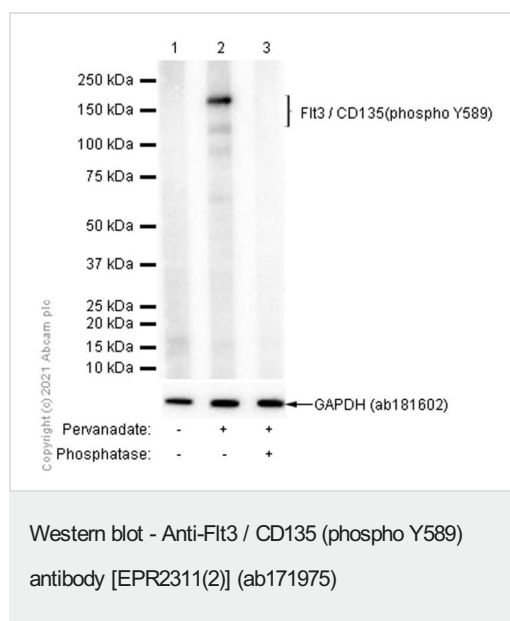
Application	Abreviews	Notes
WB		1/1000 - 1/5000. Detects a band of approximately 130-160 kDa (predicted molecular weight: 112 kDa).

Application notes Is unsuitable for Flow Cyt, IHC-P or IP.

Target

Function	Receptor for the FL cytokine. Has a tyrosine-protein kinase activity.
Tissue specificity	Bone marrow cells.
Sequence similarities	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.
Cellular localization	Membrane.

Images



All lanes : Anti-Flt3 / CD135 (phospho Y589) antibody [EPR2311(2)] (ab171975) at 1/1000 dilution

Lane 1 : Untreated A431 (Human epidermoid carcinoma epithelial cell) whole cell lysate

Lane 2 : A431 was starved overnight then treated with 50mM Pervanadate for 5 minutes whole cell lysate

Lane 3 : A431 was starved overnight then treated with 50mM Pervanadate for 5 minutes, then the membrane treated with Alkaline Phosphatase for 1 hour

Lysates/proteins at 15 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 112 kDa

Additional bands at: 130 kDa, 160 kDa. We are unsure as to the identity of these extra bands.

Exposure time: 100 seconds

The molecular weight observed is consistent with literature (PMID: 12406902, PMID: 28895560).

This blot was developed using a higher sensitive ECL substrate.

Blocking/Diluting buffer: 5% NFDM/TBST.

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-Flt3 / CD135 (phospho Y589) antibody
[EPR2311(2)] (ab171975)

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

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