

Product datasheet

Anti-DOCK8 antibody [EPR12511-56] ab178427

Recombinant RabMAb

1 Image

Overview

Product name	Anti-DOCK8 antibody [EPR12511-56]
Description	Rabbit monoclonal [EPR12511-56] to DOCK8
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt, ICC/IF, IHC or IP
Species reactivity	Reacts with: Human
Immunogen	Recombinant fragment within Human DOCK8. The exact sequence is proprietary. Database link: Q8NF50
Positive control	THP1, Raji and Ramos cell line lysates.
General notes	Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information. Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents . This product is a recombinant rabbit monoclonal antibody .

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, 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR12511-56
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab178427** 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. Predicted molecular weight: 239 kDa.

Application notes Is unsuitable for Flow Cyt, ICC/IF, IHC or IP.

Target

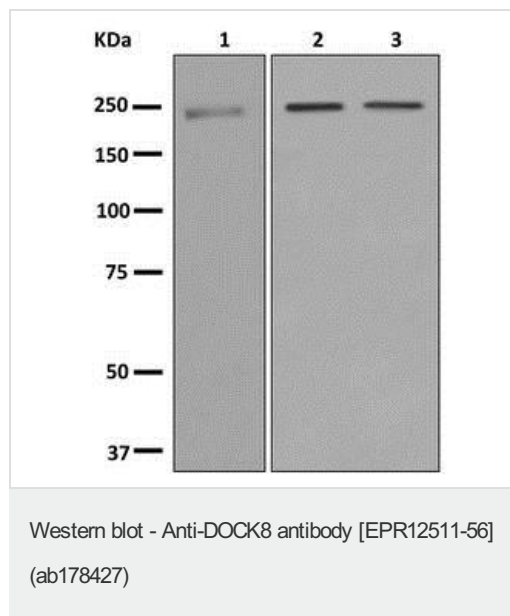
Function Potential guanine nucleotide exchange factor (GEF). GEF proteins activate some small GTPases by exchanging bound GDP for free GTP.

Involvement in disease Defects in DOCK8 are the cause of hyperimmunoglobulin E recurrent infection syndrome autosomal recessive (AR-HIES) [MIM:243700]. It is a rare disorder of immunity characterized by immunodeficiency, recurrent infections, eczema, increased serum IgE, eosinophilia and lack of connective tissue and skeletal involvement.

Sequence similarities Belongs to the DOCK family.
Contains 1 DHR-1 (CZH-1) domain.
Contains 1 DHR-2 (CZH-2) domain.

Domain The DHR-2 domain may mediate some GEF activity.

Images



All lanes : Anti-DOCK8 antibody [EPR12511-56] (ab178427) at 1/1000 dilution

Lane 1 : THP1 cell line lysate

Lane 2 : Raji cell line lysate

Lane 3 : Ramos cell line lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-rabbit HRP conjugated antibody

Developed using the ECL technique.

Predicted band size: 239 kDa

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

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