

Product datasheet

Anti-DOCK8 antibody [EPR12511] ab175208

Recombinant RabMAb

[4 References](#) [5 Images](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-DOCK8 antibody [EPR12511] |
| Description | Rabbit monoclonal [EPR12511] to DOCK8 |
| Host species | Rabbit |
| Tested applications | Suitable for: Flow Cyt (Intra), WB, ICC/IF Unsuitable for: IHC-P or IP |
| Species reactivity | Reacts with: Human Does not react with: Mouse, Rat |
| Immunogen | Recombinant fragment within Human DOCK8. The exact sequence is proprietary. Database link: Q8NF50 |
| Positive control | Raji and THP1 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 | Tissue culture supernatant |
| Clonality | Monoclonal |

Clone number EPR12511
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab175208 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 |
|------------------|-----------|---|
| Flow Cyt (Intra) | | 1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. |
| WB | | 1/10000 - 1/50000. Predicted molecular weight: 239 kDa. |
| ICC/IF | | 1/500. For unpurified use at 1/100 - 1/250 |

Application notes Is unsuitable for IHC-P or IP.

Target

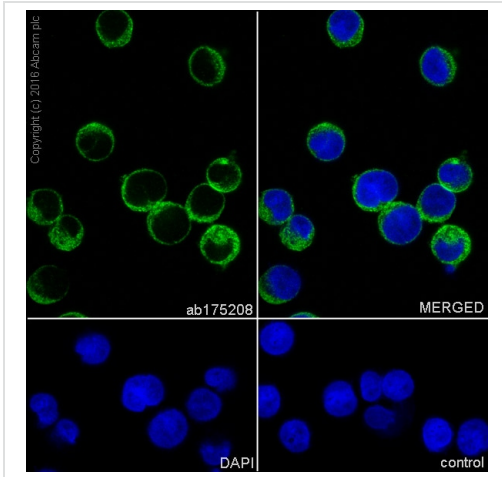
Function Potential guanine nucleotide exchange factor (GEF). GEF proteins activate some small GTPases by exchanging bound GDP for free GTP.

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.

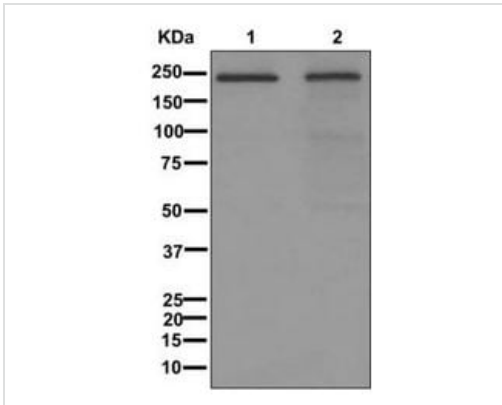
Images



Immunocytochemistry/ Immunofluorescence - Anti-DOCK8 antibody [EPR12511] (ab175208)

Immunocytochemistry/Immunofluorescence analysis of Raji (human Burkitt's lymphoma) cells labelling DOCK8 with purified ab175208 at 1/500. Cells were fixed with 100% methanol. An Alexa Fluor® 488-conjugated goat anti-rabbit IgG ([ab150077](#)) at 1/1000 dilution was used as the secondary antibody. Nuclei counterstained with DAPI (blue).

Secondary Only Control: PBS was used instead of the primary antibody as the negative control.



Western blot - Anti-DOCK8 antibody [EPR12511] (ab175208)

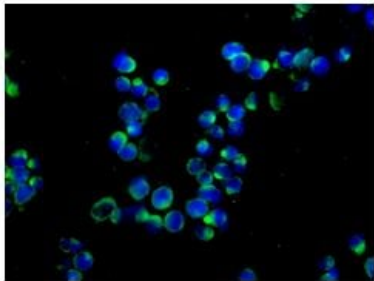
All lanes : Anti-DOCK8 antibody [EPR12511] (ab175208) at 1/10000 dilution

Lane 1 : Raji cell lysate

Lane 2 : THP1 cell lysate

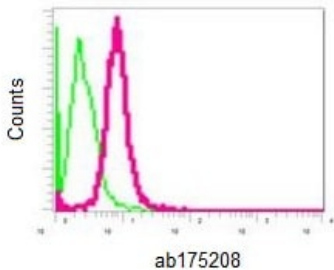
Lysates/proteins at 10 µg per lane.

Predicted band size: 239 kDa



Immunofluorescent staining of Raji cells labeling DOCK8 with ab175208 at 1/100 dilution (green). DAPI nuclear staining (blue).


Immunocytochemistry/ Immunofluorescence - Anti-DOCK8 antibody [EPR12511] (ab175208)





Intracellular flow cytometric analysis of permeabilized THP1 cells labeling DOCK8 with ab175208 at 1/10 dilution (red) compared to a Rabbit IgG (green).


Flow Cytometry (Intracellular) - Anti-DOCK8 antibody [EPR12511] (ab175208)

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-DOCK8 antibody [EPR12511] (ab175208)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors