


Product datasheet

Anti-FHL3 antibody [EPR14243(B)] ab180509

Recombinant RabMAb

5 Images

Overview

Product name	Anti-FHL3 antibody [EPR14243(B)]
Description	Rabbit monoclonal [EPR14243(B)] to FHL3
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF
Species reactivity	Reacts with: Rat, Human Predicted to work with: Mouse 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human skeletal muscle, K562 cell line & Rat muscle lysates, Human muscle tissue, A673 cells.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR14243(B)
Isotype	IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab180509 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 - 1/10000. Predicted molecular weight: 31 kDa.
IHC-P		1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		1/100.

Target

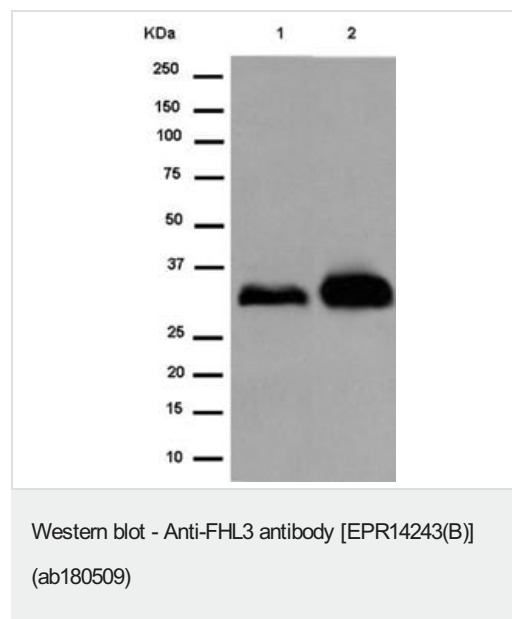
Tissue specificity

Expressed only in skeletal muscle.

Sequence similarities

Contains 4 LIM zinc-binding domains.

Images



All lanes : Anti-FHL3 antibody [EPR14243(B)] (ab180509) at 1/1000 dilution

Lane 1 : K562 cell lysate

Lane 2 : Rat muscle tissue lysate

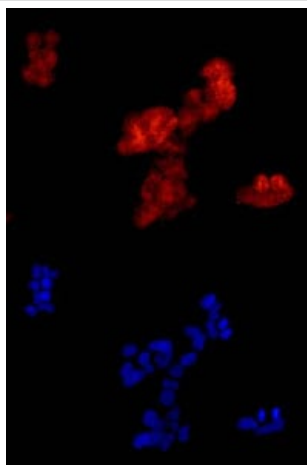
Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

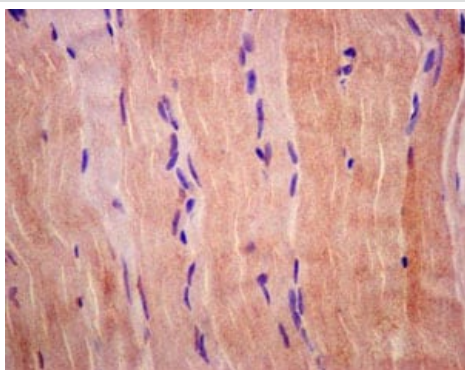
Predicted band size: 31 kDa

Blocking buffer: 5% NFDM/TBST



Immunofluorescence analysis of A673 cells labeling FHL3 with ab180509 at 1/100 dilution. Secondary ab: Goat anti rabbit IgG (Alexa Fluor® 555) at 1/250 dilution. Fixative: 4% paraformaldehyde. Counter stain: Dapi

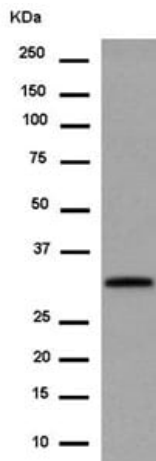
Immunocytochemistry/ Immunofluorescence - Anti-FHL3 antibody [EPR14243(B)] (ab180509)



Immunohistochemical analysis of paraffin-embedded Human muscle tissue labeling FHL3 with ab180509 at 1/500 dilution. Counter stain: Hematoxylin

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FHL3 antibody [EPR14243(B)] (ab180509)



Western blot - Anti-FHL3 antibody [EPR14243(B)] (ab180509)

Anti-FHL3 antibody [EPR14243(B)] (ab180509) at 1/5000 dilution
+ Human skeletal muscle lysate at 20 µg

Secondary

Goat Anti-Rabbit IgG HRP (**ab136636**) at 1/500 dilution

Predicted band size: 31 kDa

Blocking 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-FHL3 antibody [EPR14243(B)] (ab180509)

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

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