

Product datasheet

Anti-Flotillin 2/ESA antibody ab96507

★★★★★ 1 Abreviews 4 References 4 Images

Overview

Product name	Anti-Flotillin 2/ESA antibody
Description	Rabbit polyclonal to Flotillin 2/ESA
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P, ICC/IF, IP
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide corresponding to Human Flotillin 2/ESA aa 365-428 (C terminal).
Positive control	HeLa S3 cell lysate, Lung CA (IHC)
General notes	Previously labelled as Flotillin 2.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: PBS, 20% Glycerol
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab96507** 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		1/500 - 1/3000. Predicted molecular weight: 47 kDa.

Application	Abreviews	Notes
IHC-P		1/100 - 1/250. Antigen retrieval is not essential but may optimise staining.
ICC/IF		1/100 - 1/200.
IP	★★★★★	Use at an assay dependent concentration.

Target

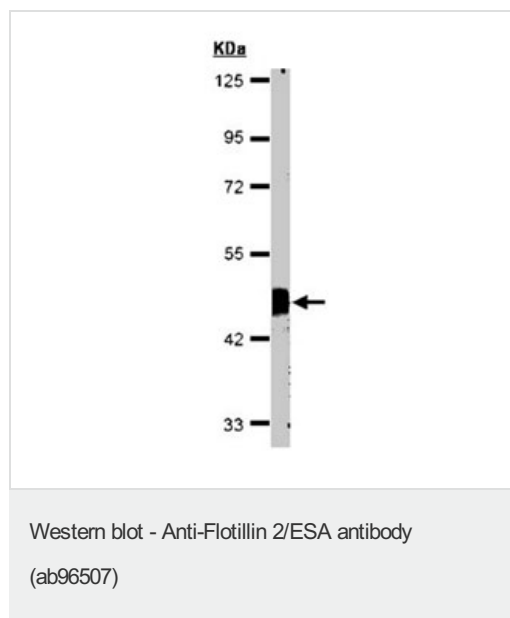
Function May act as a scaffolding protein within caveolar membranes, functionally participating in formation of caveolae or caveolae-like vesicles. May be involved in epidermal cell adhesion and epidermal structure and function.

Tissue specificity In skin, expressed in epidermis and epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes.

Sequence similarities Belongs to the band 7/mec-2 family. Flotillin subfamily.

Cellular localization Cell membrane. Membrane > caveola. Endosome. Membrane-associated protein of caveolae.

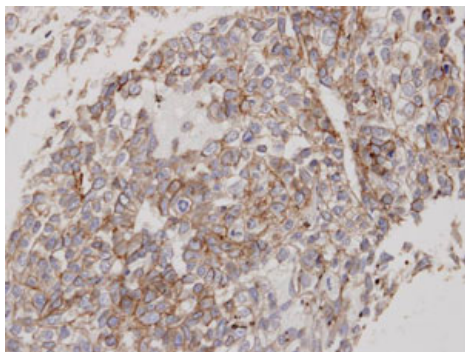
Images



Anti-Flotillin 2/ESA antibody (ab96507) at 1/1000 dilution + HeLa S3 whole cell lysate at 30 µg

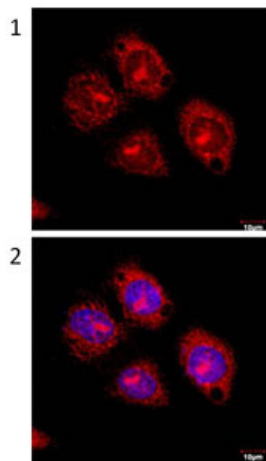
Predicted band size: 47 kDa

10% SDS PAGE



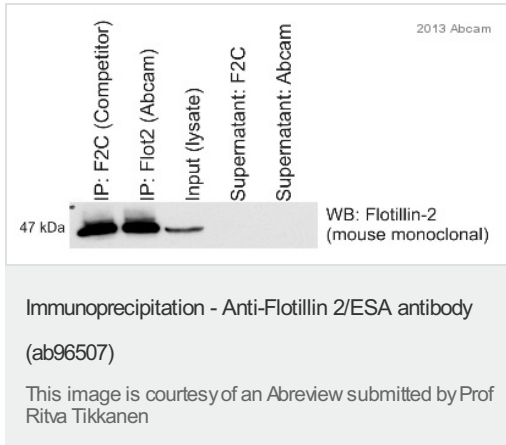
Immunohistochemical analysis of paraffin-embedded Lung CA, using ab96507 at 1:100 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Flotillin 2/ESA antibody (ab96507)



Immunofluorescence analysis of paraformaldehyde-fixed HeLa S3 cells, using ab96507 at 1:100 dilution. Image 2: Merged with DNA probe.

Immunocytochemistry/ Immunofluorescence - Anti-Flotillin 2/ESA antibody (ab96507)



Flotillin 2/ESA immunoprecipitation from Human HeLa whole cell lysate using ab96507. 750 µg of cell lysate was incubated with primary antibody (1/500) and matrix (Protein A) and incubated for 16 hours at 4°C.

Lane 1 : anti-Flotillin 2/ESA IP (using non-Abcam antibody)

Lane 2 : anti-Flotillin 2/ESA IP (using ab96507)

Lane 3 : Input (HeLa cell lysate)

Lane 4 : Supernatant IP (using non-Abcam antibody)

Lane 5 : Supernatant IP (using ab96507)

Western blot detection : mouse anti-Flotillin 2/ESA antibody + HRP donkey anti-mouse polyclonal secondary antibody

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