

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody
Catalog # ABO14059**Specification**

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody - Product Information

Application	WB, IP
Primary Accession	Q14254
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody . Tested in WB, IP applications. This antibody reacts with Human, Mouse, Rat.

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody - Additional Information

Gene ID 2319

Other Names

Flotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker 1, FLOT2, ESA1, M17S1

Calculated MW

47064 MW KDa

Application Details

WB 1:500-1:2000
IP 1:30

Subcellular Localization

Cell membrane ; Peripheral membrane protein. Membrane, caveola ; Peripheral membrane protein. Endosome. Membrane-associated protein of caveolae.

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.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Flotillin 2

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody - Protein Information

Name FLOT2

Synonyms ESA1, M17S1

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.

Cellular Location

Cell membrane; Peripheral membrane protein. Membrane, caveola; Peripheral membrane protein. Endosome Membrane; Lipid-anchor. Note=Membrane-associated protein of caveolae

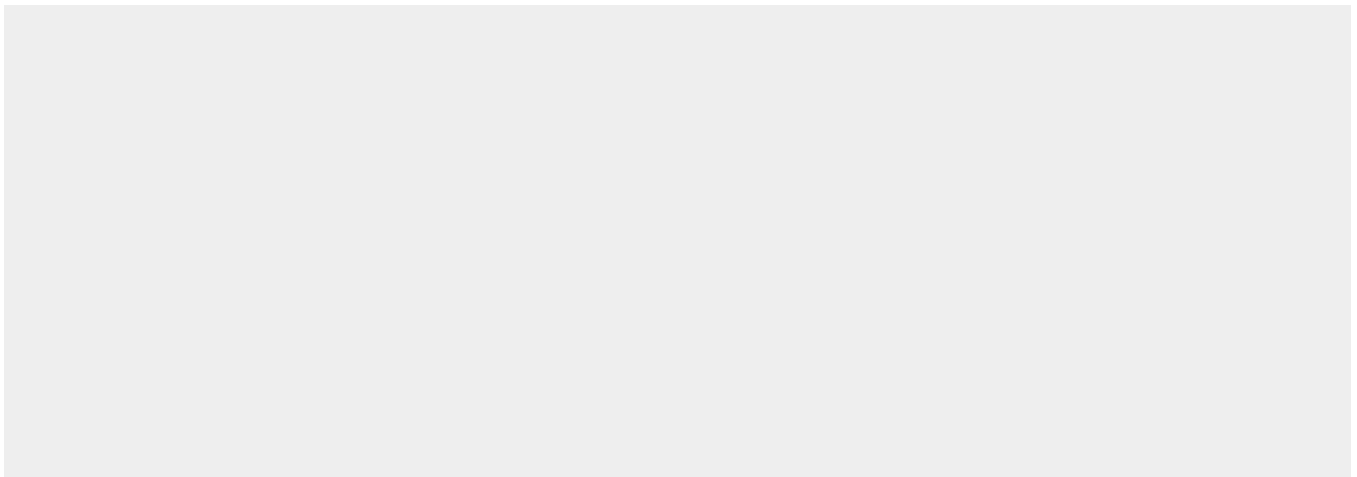
Tissue Location

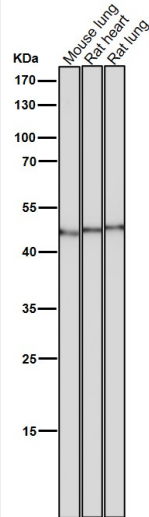
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Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody - Protocols

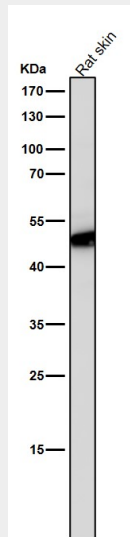
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

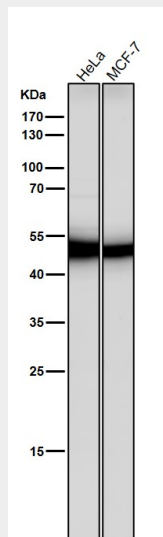
Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody - Images



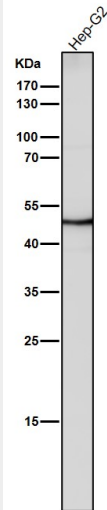
All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



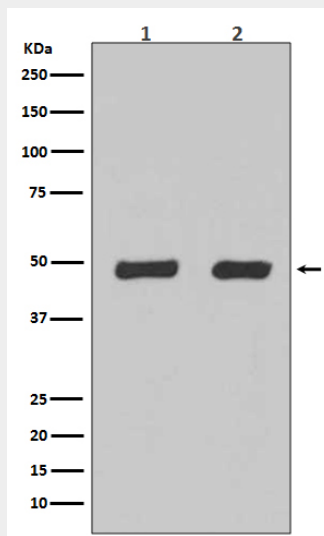
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Western blot analysis of Flotillin-2 expression in (1) HeLa cell lysate;(2) 293 cell lysate.