

Anti-Flotillin 2 FLOT2 Rabbit Monoclonal Antibody

Catalog # ABO14059

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.

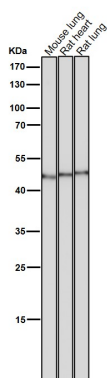
Additional Information

Gene ID	2319
Other Names	Flotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker 1, FLOT2, ESA1, M17S1
Calculated MW	47064
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.
Source	Eukaryota
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.
Clone Names Immunogen	Clone: GB-6 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.

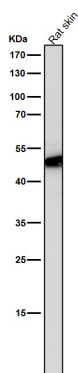
Protein Information

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	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

Images

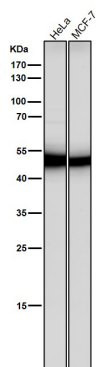


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

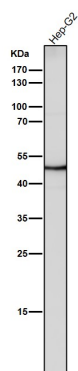


All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.

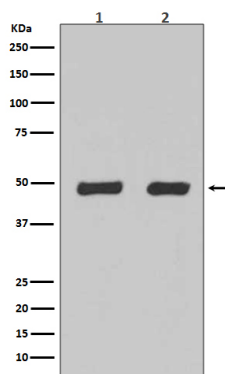
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All lanes use the Antibody at 1:3K dilution for 1 hour at room temperature.



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



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.