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FLOT2 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP22149b

Specification

FLOT2 Blocking Peptide (C-Term) - Product Information

Primary Accession	Q14254
Other Accession	A6QLR4, Q60634, Q9Z2S9

FLOT2 Blocking Peptide (C-Term) - Additional Information

Gene ID 2319

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

Target/Specificity
The synthetic peptide sequence is selected from aa 342-356 of HUMAN FLOT2

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

FLOT2 Blocking Peptide (C-Term) - 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

FLOT2 Blocking Peptide (C-Term) - Protocols

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

- Blocking Peptides

FLOT2 Blocking Peptide (C-Term) - Images

FLOT2 Blocking Peptide (C-Term) - Background

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FLOT2 Blocking Peptide (C-Term) - References

Zody M.C.,et al.Nature 440:1045-1049(2006).
Schroeder W.T.,et al.J. Biol. Chem. 269:19983-19991(1994).
Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Gorbea C.,et al.J. Biol. Chem. 285:31616-31633(2010).
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