

ESA

Mouse Monoclonal antibody(Mab) Catalog # AD80074

Specification

ESA - Product info

IHC-P 014254 Human Mouse Monoclonal 47064

ESA - Additional info

Gene ID2319Gene NameFLOT2Other NamesFlotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker1, FLOT2, ESA1, M17S1

Dilution IHC-P~~Ready-to-use

Storage Maintain refrigerated at 2-8°C

Precautions

ESA Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ESA - Protein Information

Name FLOT2

Synonyms Function	ESA1, M17S1 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

ESA - Protocols

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

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- <u>Flow Cytomety</u>
- <u>Cell Culture</u>

ESA - Images



Appendix



Immunohistochemical analysis of paraffin-embedded colorectal carcinoma; tissue using AD80074 performed on the Abcarta® FAIP-30 Fully automated IHC platform.Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0).Samples were incubated with primary antibody(Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems[Abcepta:AR005] was used as the secondary antibody.