



ESA

Mouse Monoclonal antibody(Mab)
Catalog # AD80074

Specification

ESA - Product info

Application IHC-P, IHC
Primary Accession Q14254
Reactivity Human
Host Mouse
Clonality Monoclonal
Calculated MW 47064

ESA - Additional info

Gene ID 2319
Gene Name FLOT2

Other Names

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

Dilution

IHC-P~~Ready-to-use IHC~~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 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



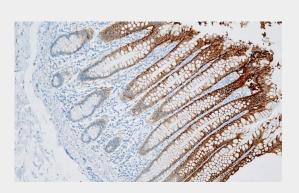
epidermal appendages but not in dermis. Expressed in all layers of the epidermis except the basal layer. In hair follicles, expressed in the suprabasal layer but not the basal layer. Also expressed in melanoma and carcinoma cell lines, fibroblasts and foreskin melanocytes

ESA - Protocols

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

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

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.