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# ESA

Mouse Monoclonal antibody(Mab)
Catalog # AD80074

## Product Information

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|---|---|
| **Application** | IHC-P |
| **Primary Accession** | Q14254 |
| **Reactivity** | Human |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Clone Names** | 748A4F4 |
| **Calculated MW** | 47064 |

## Additional Information

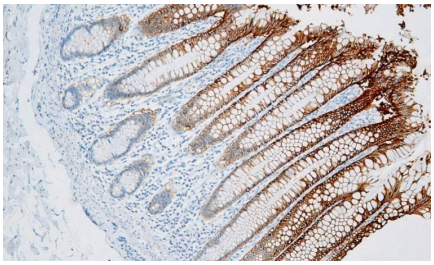
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|---|---|
| **Gene ID** | 2319 |
| **Gene Name** | FLOT2 |
| **Other Names** | Flotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker 1, FLOT2, ESA1, M17S1 |
| **Dilution** | IHC-P~~Ready-to-use |
| **Storage** | Maintain refrigerated at 2-8°C. |
| **Precautions** | ESA Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

## Protein Information

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|---|---|
| **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

Immunohistochemical analysis of formalin-fixed and



paraffin-embedded human appendix tissue was performed with ESA primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

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