

**ESA**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA074**

## Specification

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### ESA - Product Information

Application	IHC
Primary Accession	<a href="#">Q14254</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	47064 Da

### ESA - Additional Information

Gene ID	2319
Gene Name	FLOT2
<b>Other Names</b>	
Flotillin-2, Epidermal surface antigen, ESA, Membrane component chromosome 17 surface marker 1, FLOT2, ESA1, M17S1	

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	ESA 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](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **ESA - Images**