

**Meckelin Rabbit mAb**  
**Catalog # AP76585****Specification**

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**Meckelin Rabbit mAb - Product Information**

Application	WB, ICC
Primary Accession	<a href="#">Q5HYA8</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	111745

**Meckelin Rabbit mAb - Additional Information****Gene ID** 91147**Other Names**  
TMEM67**Dilution**  
WB~~1/500-1/1000  
ICC~~N/A**Format**  
Liquid**Meckelin Rabbit mAb - Protein Information****Name** TMEM67**Synonyms** MKS3**Function**

Required for ciliary structure and function. Part of the tectonic-like complex which is required for tissue-specific ciliogenesis and may regulate ciliary membrane composition (By similarity). Involved in centrosome migration to the apical cell surface during early ciliogenesis. Involved in the regulation of cilia length and appropriate number through the control of centrosome duplication. Is a key regulator of stereociliary bundle orientation (By similarity). Required for epithelial cell branching morphology. Essential for endoplasmic reticulum-associated degradation (ERAD) of surfactant protein C (SFTPC). Involved in the negative regulation of canonical Wnt signaling, and activation of the non-canonical cascade stimulated by WNT5A (PubMed:<a href="http://www.uniprot.org/citations/26035863" target="\_blank">26035863</a>). In non-canonical Wnt signaling, it may act as ROR2 coreceptor (By similarity).

**Cellular Location**

Cell membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein. Cell projection, cilium Cytoplasm, cytoskeleton, cilium basal body.  
Note=Localizes at the transition zone, a region between the basal body and the ciliary axoneme

(PubMed:22121117).

**Tissue Location**

Widely expressed in adult and fetal tissues. Expressed at higher level in spinal cord.

**Meckelin Rabbit mAb - 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](#)

**Meckelin Rabbit mAb - Images**

