

Integrin alpha 9 Rabbit mAb
Catalog # AP76993**Specification**

Integrin alpha 9 Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	Q13797
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	114489

Integrin alpha 9 Rabbit mAb - Additional Information**Gene ID** 3680**Other Names**
ITGA9**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**Integrin alpha 9 Rabbit mAb - Protein Information****Name** ITGA9**Function**
Integrin alpha-9/beta-1 (ITGA9:ITGB1) is a receptor for VCAM1, cytotactin and osteopontin. It recognizes the sequence A-E-I-D- G-I-E-L in cytotactin. ITGA9:ITGB1 may play a crucial role in SVEP1/polydrom-mediated myoblast cell adhesion (By similarity). Integrin ITGA9:ITGB1 represses PRKCA-mediated L-type voltage-gated channel Ca(2+) influx and ROCK-mediated calcium sensitivity in vascular smooth muscle cells via its interaction with SVEP1, thereby inhibiting vasocontraction (PubMed:35802072).**Cellular Location**
Membrane; Single-pass type I membrane protein**Tissue Location**
Expressed in vascular smooth muscle cells (at protein level) (PubMed:35802072). Expressed in the airway epithelium (at protein level) (PubMed:8245132).

Integrin alpha 9 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](#)

Integrin alpha 9 Rabbit mAb - Images

