

Integrin alpha 9 (10J18) Rabbit Monoclonal Antibody
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Catalog # AP93703**Specification**

Integrin alpha 9 (10J18) Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC
Primary Accession	Q13797
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Calculated MW	114489

Integrin alpha 9 (10J18) Rabbit Monoclonal Antibody - Additional Information**Gene ID** 3680**Other Names**

Integrin alpha-9, Integrin alpha-RLC, ITGA9

Dilution

WB~~1:1000

IHC~~1:100~500

Storage Conditions

-20°C

Integrin alpha 9 (10J18) Rabbit Monoclonal Antibody - 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/polydom-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

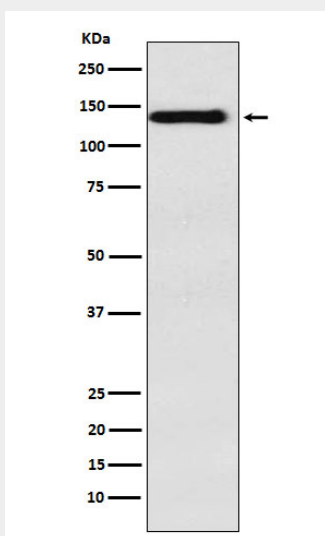
Expressed in vascular smooth muscle cells (at protein level) (PubMed:35802072). Expressed in the airway epithelium (at protein level) (PubMed:8245132).

Integrin alpha 9 (10J18) Rabbit Monoclonal Antibody - 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 (10J18) Rabbit Monoclonal Antibody - Images



Western blot analysis of Integrin alpha 9 expression in HepG2 cell lysate.