

**Goat anti-ITGA3 (isoform a) Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF4390a

**Specification**

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**Goat anti-ITGA3 (isoform a) Antibody - Product Information**

Application	<b>WB, Pep-ELISA</b>
Primary Accession	<a href="#">P26006</a>
Other Accession	<a href="#">NP_002195.1</a>
Reactivity	<b>Human, Mouse, Pig, Bovine</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>116612</b>

**Goat anti-ITGA3 (isoform a) Antibody - Additional Information**

**Gene ID** 3675

**Other Names**

ITGA3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); CD49C; GAP-B3; GAPB3; ILNEB; MSK18; VCA-2; VL3A; VLA3a; CD49 antigen-like family member C; FRP-2; VLA-3 subunit alpha; antigen identified by monoclonal antibody J143; galactoprot

**Format**

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.

**Immunogen**

This antibody is expected to recognize reported isoform a (NP\_002195.1).

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat anti-ITGA3 (isoform a) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat anti-ITGA3 (isoform a) Antibody - Protein Information**

**Name** ITGA3

**Synonyms** MSK18

**Function**

Integrin alpha-3/beta-1 is a receptor for fibronectin, laminin, collagen, epiligrin, thrombospondin and CSPG4. Integrin alpha- 3/beta-1 provides a docking site for FAP (seprase) at invadopodia

plasma membranes in a collagen-dependent manner and hence may participate in the adhesion, formation of invadopodia and matrix degradation processes, promoting cell invasion. Alpha-3/beta-1 may mediate with LGALS3 the stimulation by CSPG4 of endothelial cells migration.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Cell membrane; Lipid- anchor. Cell projection, invadopodium membrane; Single-pass type I membrane protein. Cell projection, filopodium membrane; Single-pass type I membrane protein. Note=Enriched preferentially at invadopodia, cell membrane protrusions that correspond to sites of cell invasion, in a collagen-dependent manner.

**Tissue Location**

Isoform 1 is widely expressed. Isoform 2 is expressed in brain and heart. In brain, both isoforms are exclusively expressed on vascular smooth muscle cells, whereas in heart isoform 1 is strongly expressed on vascular smooth muscle cells, isoform 2 is detected only on endothelial vein cells.

**Goat anti-ITGA3 (isoform a) 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](#)

**Goat anti-ITGA3 (isoform a) Antibody - Images**