

## Goat Anti-ITGA1 / VLA1 Antibody (internal region)

Purified Goat Polyclonal Antibody Catalog # AF4202a

## **Specification**

# Goat Anti-ITGA1 / VLA1 Antibody (internal region) - Product Information

Application

Primary Accession
Other Accession
NP\_852478.1
Reactivity
Human
Predicted
Host
Clonality
Concentration

WB, E
P56199
NP\_852478.1
Human
Human
Foot
Goat
Clonality
Polyclonal

Concentration 0.5
Calculated MW 130848

# Goat Anti-ITGA1 / VLA1 Antibody (internal region) - Additional Information

#### **Gene ID 3672**

#### **Other Names**

ITGA1; integrin, alpha 1; CD49a; VLA1; CD49 antigen-like family member A; VLA-1; integrin alpha-1; laminin and collagen receptor; very late activation protein 1

#### **Dilution**

WB~~1:1000 E~~N/A

#### **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**

Peptide with sequence C-DKHDFQDSVRIT, from the internal region of the protein sequence according to NP\_852478.1.

## **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-ITGA1 / VLA1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

## Goat Anti-ITGA1 / VLA1 Antibody (internal region) - Protein Information

## Name ITGA1



Tel: 858.875.1900 Fax: 858.875.1999

#### **Function**

Integrin alpha-1/beta-1 is a receptor for laminin and collagen. It recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen. Involved in anchorage-dependent, negative regulation of EGF-stimulated cell growth.

#### **Cellular Location**

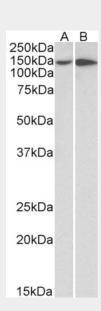
Membrane; Single-pass type I membrane protein.

## Goat Anti-ITGA1 / VLA1 Antibody (internal region) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# Goat Anti-ITGA1 / VLA1 Antibody (internal region) - Images



AF4202a (0.5 μg/ml) staining of HeLa (A) and HepG2 (B) lysates (35 μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

## Goat Anti-ITGA1 / VLA1 Antibody (internal region) - References

Integrin alpha1beta1 (VLA-1) mediates adhesion of activated intraepithelial lymphocytes to collagen. Roberts AI, Brolin RE, Ebert EC. Immunology 1999 Aug 97 (4): 679-85.