

Datasheet: VPA00569

Description:	GOAT ANTI CD49a
Specificity:	CD49a
Format:	Purified
Product Type:	PrecisionAb™ Polyclonal
Isotype:	Polyclonal IgG
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	■			1/1000

PrecisionAb antibodies have been extensively [validated for the western blot application](#). The antibody has been validated at the suggested dilution. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependant on sample type.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Goat polyclonal antibody purified by affinity chromatography
Buffer Solution	TRIS buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Immunogen	Peptide sequence C-DKHDFQDSVRIT
External Database Links	UniProt: P56199 Related reagents Entrez Gene: 3672 ITGA1 Related reagents

Specificity

Goat anti Human CD49a antibody recognizes CD49a also known as integrin alpha-1, CD49 antigen-like family member A, VLA-1, ITGA1, laminin and collagen receptor or very late activation protein 1.

ITGA1 gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with

the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted [von Willebrand factor type I domain](#) which is thought to be involved in collagen binding (provided by RefSeq, Jul 2008).

Goat anti Human CD49a antibody detects a band of 150 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting	Anti CD49a detects a band of approximately 150 kDa in Raji cell lysates
Instructions For Use	Please refer to the PrecisionAb western blotting protocol . For additional information on secondary antibody dilution and exposure time see product web page.
Storage	Store undiluted at -20°C, avoiding repeated freeze thaw cycles
Shelf Life	As supplied, 12 months from date of despatch
Acknowledgements	PrecisionAb™ is a trademark of Bio-Rad Laboratories
Health And Safety Information	Material Safety Datasheet documentation #10058 available at: Antibody (10058): https://www.bio-rad-antibodies.com/uploads/MSDS/10058.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Donkey Anti Sheep IgG (STAR88...) [HRP](#)

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