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anti-Integrin alpha 1 antibody (Internal Region)





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Overview	
Quantity:	100 μg
Target:	Integrin alpha 1 (ITGA1)
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Integrin alpha 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	

Purpose:	ITGA1 / VLA1
Sequence:	DKHDFQDSVR IT
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Integrin alpha 1 (ITGA1)

Target Details

Larget Details	
Alternative Name:	ITGA1 (ITGA1 Products)
Background:	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
Gene ID:	3672
NCBI Accession:	NP_852478
Pathways:	EGFR Signaling Pathway, CXCR4-mediated Signaling Events, Signaling of Hepatocyte Growth
	Factor Receptor, Integrin Complex
Application Details	
Application Notes:	Western Blot: Approx 150 kDa band observed in lysates of cell lines HepG2 and HeLa
	(calculated MW of 131 kDa according to NP_852478.1). The observed molecular weight
	corresponds to the glycosylated form. Recommended concentration: 0.3-1 $\mu g/mL$.
	Peptide ELISA: antibody detection limit dilution 1:128000.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.

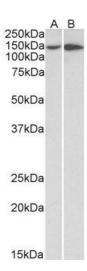
at 4°C for a few weeks and still remain viable.

Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated

-20 °C

Storage:

Storage Comment:



Western Blotting

Image 1. ABIN5539494 (0.5μg/ml) staining of HeLa (A) and HepG2 (B) lysates (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.