

Datasheet for ABIN1106231
anti-ITGB1 antibody

4 Images



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Overview

Quantity:	0.1 mg
Target:	ITGB1
Reactivity:	Human, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ITGB1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Clone:	3B6
Isotype:	IgG1
Specificity:	Recognizes CD29 / Integrin beta-1
Cross-Reactivity (Details):	Species reactivity (tested): Human, Monkey.
Purification:	Purified

Target Details

Target:	ITGB1
Alternative Name:	CD29 / Integrin beta-1 (ITGB1 Products)
Background:	Integrins are heterodimeric proteins made up of alpha and beta subunits. At least 18 alpha and

Target Details

8 beta subunits have been described in mammals. Integrin family members are membrane receptors involved in cell adhesion and recognition in a variety of processes including embryogenesis, hemostasis, tissue repair, immune response and metastatic diffusion of tumor cells. This gene encodes a beta subunit. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. Synonyms: FN1R, Fibronectin receptor subunit beta, ITGB1, Integrin VLA-4 subunit beta, MDF2, MSK12

Molecular Weight: 88.4 kDa

Gene ID: 3688

Pathways: [Cell-Cell Junction Organization](#), [Regulation of G-Protein Coupled Receptor Protein Signaling](#), [CXCR4-mediated Signaling Events](#), [Signaling of Hepatocyte Growth Factor Receptor](#), [Integrin Complex](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 mg/mL

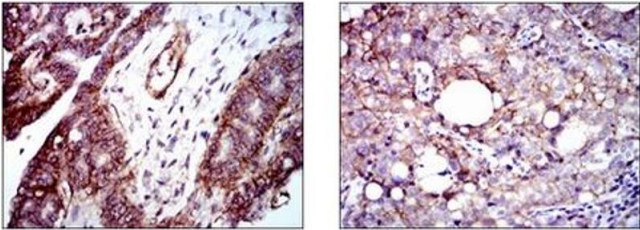
Buffer: PBS, 0.05 % Sodium Azide, 0.5 % protein stabilizer

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

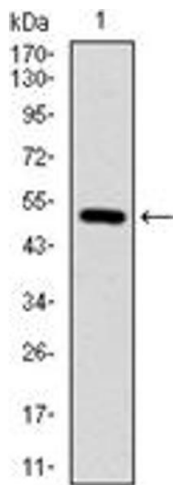
Immunohistochemistry

Image 1.



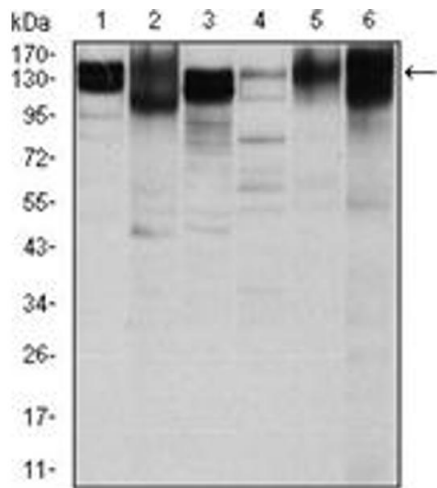
Western Blotting

Image 2.



Western Blotting

Image 3.



Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1106231.