

Datasheet for ABIN1106426
anti-ITGA4 antibody (C-Term)



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2 Images

Overview

Quantity:	0.1 mg
Target:	ITGA4
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Synthetic peptide corresponding to the C-terminal of human ITGA4 .Remarks: Sequence is identical to the related rat sequence
Isotype:	IgG
Specificity:	This antibody detects CD49d / ITGA4 at C-term.
Cross-Reactivity (Details):	Species reactivity (tested):Human, mouse, rat
Purification:	Immunogen affinity purified

Target Details

Target:	ITGA4
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Target Details

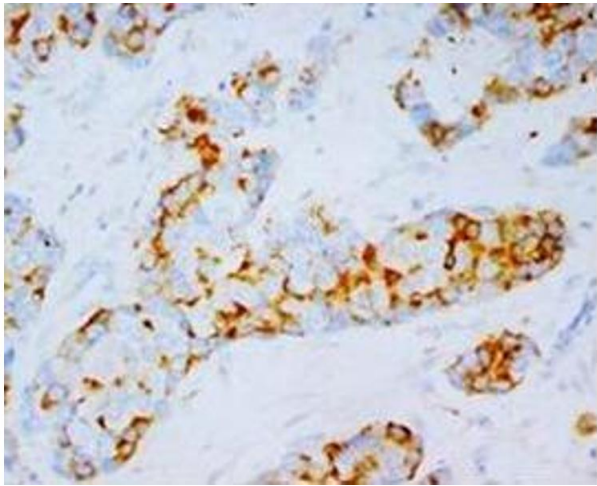
Alternative Name:	CD49d / ITGA4 (ITGA4 Products)
Background:	The integrin family includes cell surface receptors for extracellular matrix components as well as receptors involved in various aspects of leukocyte adhesion. Integrin alpha chain 4 (ITGA4) is assigned to 2q31-q32. Interaction between leukemic-cell VLA-4 and stromal fibronectin is a decisive factor for minimal residual disease of acute myelogenous leukemia. Synonyms: CD49 antigen-like family member D, Integrin alpha-4, Integrin alpha-IV, VLA-4, VLA4
Gene ID:	3676
NCBI Accession:	NP_000876
UniProt:	P13612
Pathways:	Integrin Complex

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

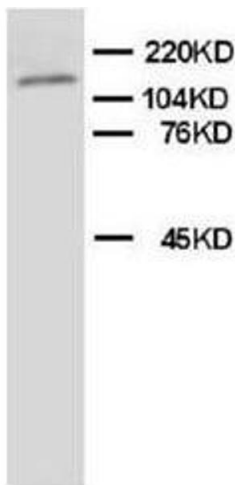
Handling

Reconstitution:	1.2 % sodium acetate or neutral PBS. If 0.5 mL of PBS is used, the antibody concentration will be 100 µg/mL.
Buffer:	50 % glycerol, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to one month or (in aliquots) at -20 °C for longer.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin embedded Mammary cancer sections, staining ITGA4 in cytoplasm, DAB chromogenic reaction



Western Blotting

Image 2. Western blot analysis of rat brain tissue lysis using ITGA4 antibody