

Datasheet for ABIN7630087

Recombinant anti-ITGA4 antibody[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ITGA4
Reactivity:	Human
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This ITGA4 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	Recombinant Antibody to Integrin Alpha 4 (ITGa4)
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against ITGa4. It has been selected for its ability to recognize ITGa4 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	ITGA4
Alternative Name:	Integrin Alpha 4 (ITGA4 Products)

Target Details

Background: CD49d, CD49-D, ITG-A4, IA4, Alpha 4 Subunit Of VLA-4 Receptor, CD49 antigen-like family member D, Integrin alpha-IV

UniProt: [P13612](#)

Pathways: [Integrin Complex](#)

Application Details

Application Notes: Western blotting: 0.2-2 µg/mL, Immunohistochemistry: 5-20 µg/mL, Immunocytochemistry: 5-20 µg/mL, Flow cytometry: 10 µg/mL, Optimal working dilutions must be determined by end user.

Comment: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.