

Product datasheet for **AM06742PU-N**

Integrin alpha 4 (ITGA4) Mouse Monoclonal Antibody [Clone ID: 5C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	5C4
Applications:	ELISA, FC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Flow Cytometry: 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human ITGA4 expressed in E. Coli.
Specificity:	Recognizes CD49d / ITGA4
Formulation:	PBS State: Purified State: Liquid purified antibody Stabilizer: 0.5% protein stabilizer Preservative: 0.05% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	115 kDa
Gene Name:	integrin subunit alpha 4
Database Link:	Entrez Gene 3676 Human P13612



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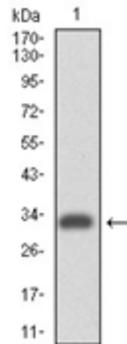
Background:

The product of this gene belongs to the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This gene encodes an alpha 4 chain. Unlike other integrin alpha chains, alpha 4 neither contains an I-domain, nor undergoes disulfide-linked cleavage. Alpha 4 chain associates with either beta 1 chain or beta 7 chain.

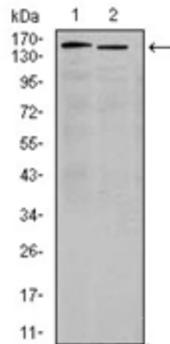
Synonyms:

Integrin alpha-4, Integrin alpha-IV, VLA-4, VLA4

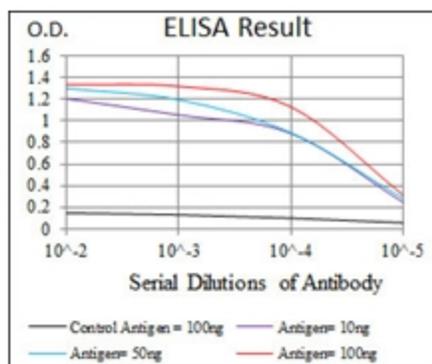
Product images:

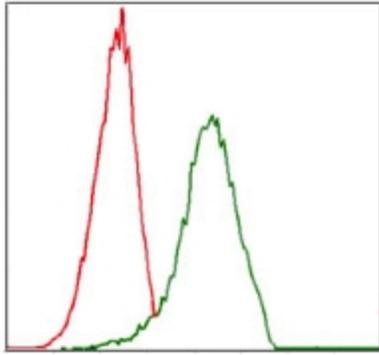


Western blot analysis using ITGA4 antibody against human ITGA4 (AA: 926-978) recombinant protein (Expected MW is 31.7 kDa)



Western blot analysis using ITGA4 antibody against K562 (1) and Jurkat (2) cell lysate.





Flow cytometric analysis of Jurkat cells using ITGA4 antibody (green) and negative control (red).