

Integrin α 4 (phospho Ser1027) Polyclonal Antibody

Catalog No: #13794

Package Size: #13794-1 50ul #13794-2 100ul

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Description

Product Name	Integrin α 4 (phospho Ser1027) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC-p, IF/ICC, ELISA
Species Reactivity	Human, Mouse
Specificity	Phospho-Integrin α 4 (S1027) Polyclonal Antibody detects endogenous levels of Integrin α 4 protein only when phosphorylated at S1027.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human Integrin α 4 around the phosphorylation site of Ser1027. AA range: 983-1032
Conjugates	Unconjugated
Other Names	ITGA4; CD49D; Integrin α -4; CD49 antigen-like family member D; Integrin α -IV; VLA-4 subunit α ; CD antigen CD49d
Accession No.	Swiss Prot:P13612 GeneID:3676
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.

Background

integrin subunit α 4 (ITGA4) Homo sapiens The gene encodes a member of the integrin α chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an α chain and a β chain that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the α 4 subunit. This subunit associates with a β 1 or β 7 subunit to form an integrin that may play a role in cell motility and migration. This integrin is a therapeutic target for the treatment of multiple sclerosis, Crohn's disease and inflammatory bowel disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015].

Note: This product is for in vitro research use only and is not intended for use in humans or animals.