



ITGA5 (heavy chain, Cleaved-Arg894) rabbit pAb

Cat No.:ES20006

For research use only

Overview

Product Name	ITGA5 (heavy chain, Cleaved-Arg894) rabbit pAb
Host species	Rabbit
Applications	WB;ELISA;IHC
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300; ELISA 2000-20000
Immunogen	Synthesized peptide derived from human ITGA5 (heavy chain, Cleaved-Arg894)
Specificity	This antibody detects endogenous levels of Human,Mouse ITGA5 (heavy chain, Cleaved-Arg894, protein was cleaved amino acid sequence between 894-895)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	ITGA5 (heavy chain, Cleaved-Arg894)
Gene Name	ITGA5 FNRA
Cellular localization	Membrane; Single-pass type I membrane protein. Cell junction, focal adhesion . Cell surface .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	94 110kD
Human Gene ID	3678
Human Swiss-Prot Number	P08648
Alternative Names	Integrin alpha-5 (CD49 antigen-like family member E;Fibronectin receptor subunit alpha;Integrin alpha-F;VLA-5;CD antigen CD49e) [Cleaved into: Integrin alpha-5 heavy chain; Integrin alpha-5 light chain]
Background	function:Integrin alpha-5/beta-1 is a receptor for





fibronectin and fibrinogen. It recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions.,similarity:Belongs to the integrin alpha chain family.,similarity:Contains 7 FG-GAP repeats.,subunit:Heterodimer of an alpha and a beta subunit. The alpha subunit is composed of an heavy and a light chain linked by a disulfide bond. Alpha-5 associates with beta-1. Interacts with HPS5 and NISCH. Interacts with HIV-1 Tat. Interacts with RAB21.,

Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

