

Anti-ITGB1 antibody (1-728) (STJ111129)

STJ111129

GENERAL INFORMATION

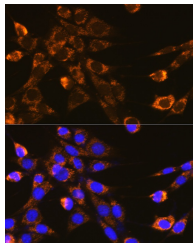
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

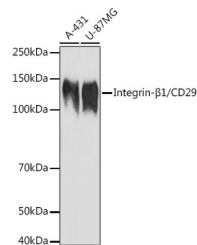
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:500-1:1000
Range	IF/CC:1:50-1:200
	ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3688
Gene Symbol	ITGB1
Uniprot ID	ITB1_HUMAN
Immunogen	
Immunogen Region	1-728
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-728 of human Integrin-Beta 1/CD29 (NP_002202.2).
Immunogen Sequence	MNLQPIFWGLISSVCCVFA QTDENRCLKANAKSCGECIQ AGPNCGWCTNSTFLQEGMPT SARCDDEALKKKGCPPDDI ENPRGSKDIKKKNVNTNRSK GTAELKLPEDITQIQPQLV LRLRSGEPQTFTLKFKRAED YPIDLYYLMDSLYSMKDDLE NVKSLGTDLMNEMRRITSDF RIGFGSFVEKTVMPYISTTP AKLRNPCTSEQNCTSPFSYK NVLSLTNKGVEFVNLVGKQ



Immunofluorescence analysis of NIH-3T3 cells using Integrin-Beta 1/CD29 Rabbit polyclonal antibody (STJ111129) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using Integrin-Beta 1/CD29 antibody (STJ111129) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.