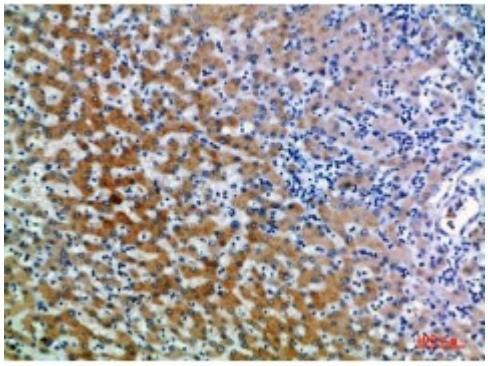
Anti-CD109 antibody



Description	Rabbit polyclonal to CD109.

Model	STJ98741
Host	Rabbit
Reactivity	Human
Applications	ELISA, IHC
Immunogen	Synthetic peptide from human CD109 protein.
Immunogen Region	751-800 aa
Gene ID	135228
Gene Symbol	CD109
Dilution range	IHC-P 1:50-300ELISA 1:5000-20000
Specificity	The antibody detects endogenous CD109.
Tissue Specificity	Widely expressed with high level in uterus, aorta, heart, lung, trachea, placenta and in fetal heart, kidney, liver, spleen and lung. Expressed by CD34(+) acute myeloid leukemia cell lines, T-cell lines, activated T-lymphoblasts, endothelial cells and activated platelets. Isoform 4 is expressed in placenta. Isoform 1 is expressed in keratinocytes and placenta.
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	CD109 antigen 150 kDa TGF-beta-1-binding protein C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7 Platelet-specific Gov

	antigen p180 r150 CD antigen CD109
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:21685OMIM:608859
Alternative Names	CD109 antigen 150 kDa TGF-beta-1-binding protein C3 and PZP-like alpha-2-macroglobulin domain-containing protein 7 Platelet-specific Gov antigen p180 r150 CD antigen CD109
Function	Modulates negatively TGFB1 signaling in keratinocytes.
Cellular Localization	Cell membrane
Post-translational Modifications	N-glycosylated. 2 forms of 150 (p150) and 120 kDa (p120) exist due to proteolytic degradation from a 180 kDa form.