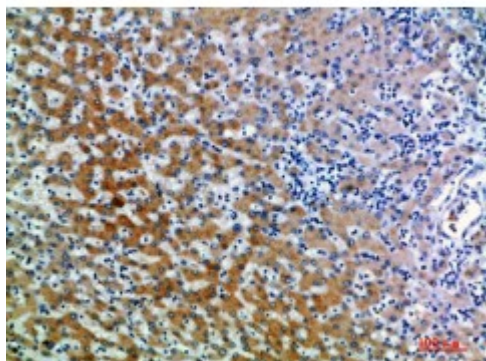


## Anti-CD109 antibody



<b>Description</b>	Rabbit polyclonal to CD109.
<b>Model</b>	STJ98741
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Applications</b>	ELISA, IHC
<b>Immunogen</b>	Synthetic peptide from human CD109 protein.
<b>Immunogen Region</b>	751-800 aa
<b>Gene ID</b>	<a href="#">135228</a>
<b>Gene Symbol</b>	<a href="#">CD109</a>
<b>Dilution range</b>	IHC-P 1:50-300ELISA 1:5000-20000
<b>Specificity</b>	The antibody detects endogenous CD109.
<b>Tissue Specificity</b>	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.
<b>Purification</b>	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	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
<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:21685OMIM:608859</a>
<b>Alternative Names</b>	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
<b>Function</b>	Modulates negatively TGFB1 signaling in keratinocytes.
<b>Cellular Localization</b>	Cell membrane
<b>Post-translational Modifications</b>	N-glycosylated. 2 forms of 150 (p150) and 120 kDa (p120) exist due to proteolytic degradation from a 180 kDa form.

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