

Rabbit anti-Human CD82 Polyclonal Antibody | anti-CD82 antibody

CD82 Antibody

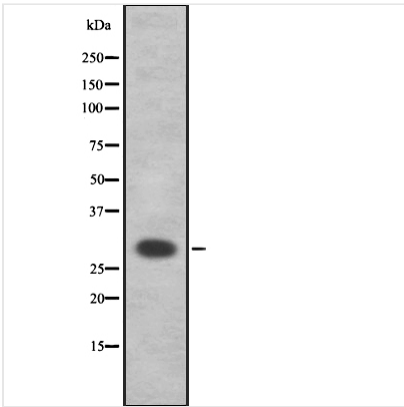
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327442	Rabbit	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

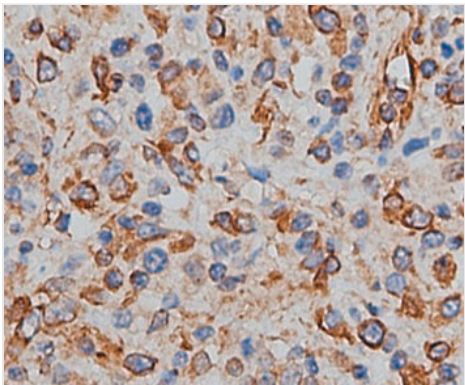
CD82; Polyclonal Antibody; CD82 Antibody; 4F9; Antigen detected by monoclonal and antibody IA4; C33; C33 antigen; CD 82; CD82 antigen; CD82 molecule; CD82_HUMAN; GR 15; GR15; IA 4; IA4; Inducible membrane protein; Inducible membrane protein R2; KAI 1; KAI1; Kangai 1 (suppression of tumorigenicity 6; prostate; CD82 antigen (R2 leukocyte antigen; antigen detected by monoclonal and antibody IA4)); Kangai 1; Kangai1; Leukocyte surface antigen R2; Metastasis suppressor Kangai 1; Metastasis suppressor Kangai-1; Metastasis suppressor Kangai1; Prostate cancer antimetastasis gene KAI1; R2; R2 leukocyte antigen; SAR 2; SAR2; ST 6; ST6; Suppression of tumorigenicity 6; Suppression of tumorigenicity 6 prostate; Suppressor of tumorigenicity 6; Suppressor of tumorigenicity 6 protein; Tetraspanin 27; Tetraspanin-27; Tetraspanin27; Tspan 27; Tspan-27; Tspan27; anti-CD82 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	CD82 antibody detects endogenous levels of total CD82
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	242
Applicable Applications for anti-CD82 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD82
Subcellular Location	Membrane.
Tissue Specificity	Lymphoid specific.
Predicted Cross Reactivity	Bovine
Similarity	Bovine (80%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of CD82 using RAW264.7 whole cell lysates



IHC (Immunohistochemistry)
AAA327442 at 1/200 staining human lymph cancer tissue sections by IHC-P. The tissue was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The tissue was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-CD82 antibody	Function: Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway. Subunit Structure: Interacts directly with IGSF8. Similarity: Belongs to the tetraspanin (TM4SF) family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67782354
NCBI GeneID	3732
NCBI Accession #	NP_001020015.1
NCBI GenBank Nucleotide #	NM_001024844.1
UniProt Accession #	P27701; Q7Z2D4; Q7Z5N2; D3DQN6; E9PC70
Molecular Weight	Observed: 30 kDa Predicted: 30 kDa
NCBI Official Full Name	CD82 antigen isoform 2
NCBI Official Synonym Full Names	CD82 molecule
NCBI Official Symbol	CD82
NCBI Official Synonym Symbols	R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27
NCBI Protein Information	CD82 antigen
UniProt Protein Name	CD82 antigen
UniProt Gene Name	CD82
UniProt Synonym Gene Names	KAI1; SAR2; ST6; TSPAN27; Tspan-27

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.