

Mouse anti-Human CD82 Monoclonal Antibody | anti-CD82 antibody

Anti-Hu CD82 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128468	Mouse	Human	Immunocytochemistry, Immunohistochemistry, Western Blot, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD82; Monoclonal Antibody; Anti-Hu CD82 Purified; CD82 molecule; R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27; anti-CD82 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	C33
Specificity	The mouse monoclonal antibody C33 recognizes an extracellular/luminal epitope of CD82, a widely expressed cell surface protein of the tetraspanin family. CD82 is also found in endosome/lysosome compartments.
Purity/Purification	Purified by Protein-A Affinity Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	267
Applicable Applications for anti-CD82 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	C91/PL (human HTLV-1+ T cell line)
Preparation and Storage	Store at 2-8 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry staining of human tonsil (paraffin-embedded sections) with anti-CD82 (C33). Commercially tested by LifeSpan BioSciences.

ADDITIONAL INFORMATION

Related Product Information for anti-CD82 antibody

CD82 (KAI1), a member of the tetraspanin family, forms complexes with other tetraspanin proteins, integrins, coreceptors, MHC class I and II molecules. These complexes influence adhesion, morphology, activation, proliferation and differentiation of B, T and other cells. CD82 regulates cytoskeleton rearrangement and may participate in the turnover of the tetraspanin complex members. Besides in the plasma membrane, CD82 is localized also in endosome/lysosome compartments. Tumour-suppressive roles of CD82 have been demonstrated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504813
NCBI GeneID	3732
NCBI Accession #	NP_002222
NCBI GenBank Nucleotide #	NP_002222.1
UniProt Accession #	P27701
NCBI Official Full Name	CD82 antigen isoform 1
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
UniProt Entry Name	CD82_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd82-antibody-clone-c33-immunocytochemistry-immunohistochemistry-western-blot-immunoprecipitation-flow-cytometry-elisa/128468>