

## Rabbit polyclonal antibody to CD82 (253-267): Affinity purified

<b>Catalogue No.:</b>	R-1349-100
<b>Description:</b>	CD82 is a multi-pass membrane protein belonging to the tetraspanin (TM4SF) family. Expression of CD82 has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter (Ref: Entrez Gene).
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (CRHVHSEDYSKVPKY) corresponding to a region (253-267) at the C-terminus of human CD82.
<b>Sequence:</b>	CRHVHSEDYSKVPKY
<b>Antibody Type:</b>	Antiserum
<b>Other Names:</b>	C33; IA4; Inducible membrane protein R2; Metastasis suppressor Kangai-1; Suppressor of tumorigenicity 6 protein; Tetraspanin-27; Tspan-27; CD82; KAI1; SAR2; ST6; TSPAN27;
<b>Accession:</b>	P27701 CD82_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Applications:</b>	Western Blotting (WB). A concentration of 1.0 ug/mL is recommended for WB. Human CD82 has a predicted length of 267 amino acids and MW of 30 kDa. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Antibody Against:</b>	CD82
<b>Cross-reactivity:</b>	Human; rat; predicted to react with mouse due to sequence homology;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Appearance:</b>	Lyophilized white powder
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
<b>Expiry Date:</b>	12 months after purchase

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