



CD82 blocking peptide (CDBP5629)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This metastasis suppressor gene product is a membrane glycoprotein that is a member of the transmembrane 4 superfamily. Expression of this gene 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. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
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Conjugate	Unconjugated
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Applications	Used as a blocking peptide in immunoblotting applications.
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Format	Liquid
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Concentration	200 µg/mL
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Size	0.05 mg
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Preservative	None
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Storage	-20°C
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GENE INFORMATION

Gene Name	CD82 CD82 molecule [Homo sapiens (human)]
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Official Symbol	CD82
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Synonyms	CD82; CD82 molecule; R2; 4F9; C33; IA4; ST6; GR15; KAI1; SAR2; TSPAN27; CD82 antigen; tspan-27; C33 antigen; tetraspanin-27; inducible membrane protein R2; metastasis suppressor Kangai-1; kangai 1 (suppression of tumorigenicity 6, prostate; CD82 antigen (R2 leukocyte
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antigen, antigen detected by monoclonal and antibody IA4))

Entrez Gene ID	3732
mRNA Refseq	NM_001024844
Protein Refseq	NP_001020015
UniProt ID	P27701
Pathway	Direct p53 effectors; Integrated Pancreatic Cancer Pathway; p53 signaling pathway
Function	protein binding