



CD81 blocking peptide (CDBP5282)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]
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Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	CD81 CD81 molecule [Homo sapiens (human)]
Official Symbol	CD81

Synonyms	CD81; CD81 molecule; S5.7; CVID6; TAPA1; TSPAN28; CD81 antigen; tspan-28; tetraspanin-28; 26 kDa cell surface protein TAPA-1; CD81 antigen (target of antiproliferative antibody 1)
Entrez Gene ID	975
mRNA Refseq	NM_001297649
Protein Refseq	NP_001284578
UniProt ID	P60033
Pathway	Adaptive Immune System; B Cell Receptor Signaling Pathway; B cell receptor signaling pathway; Hepatitis C; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Malaria
Function	MHC class II protein complex binding; protein binding