



Human WFDC1 blocking peptide (CDBP3198)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-WFDC1/PS20 antibody
Antigen Description	This gene encodes a member of the WAP-type four disulfide core domain family. The WAP-type four-disulfide core domain contains eight cysteines forming four disulfide bonds at the core of the protein, and functions as a protease inhibitor in many family members. This gene is mapped to chromosome 16q24, an area of frequent loss of heterozygosity in cancers, including prostate, breast and hepatocellular cancers and Wilms' tumor. This gene is downregulated in many cancer types and may be involved in the inhibition of cell proliferation. The encoded protein may also play a role in the susceptibility of certain CD4 memory T cells to human immunodeficiency virus infection. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	WFDC1 WAP four-disulfide core domain 1 [Homo sapiens]
Official Symbol	WFDC1

Synonyms	WFDC1; WAP four-disulfide core domain 1; WAP four-disulfide core domain protein 1; PS20; ps20 growth inhibitor; prostate stromal protein ps20; WAP four-disulfide core domain 1 homolog;
Entrez Gene ID	58189
mRNA Refseq	NM_021197
Protein Refseq	NP_067020
UniProt ID	Q9HC57
Chromosome Location	16q24.1
Function	molecular_function; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;