



Human PCDH12 blocking peptide (CDBP2216)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-PCDH12 antibody
Antigen Description	This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The encoded protein consists of an extracellular domain containing 6 cadherin repeats, a transmembrane domain and a cytoplasmic tail that differs from those of the classical cadherins. The gene localizes to the region on chromosome 5 where the protocadherin gene clusters reside. The exon organization of this transcript is similar to that of the gene cluster transcripts, notably the first large exon, but no significant sequence homology exists. The function of this cellular adhesion protein is undetermined but mouse protocadherin 12 does not bind catenins and appears to have no affect on cell migration or growth. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	PCDH12 protocadherin 12 [Homo sapiens]
Official Symbol	PCDH12
Synonyms	PCDH12; protocadherin 12; protocadherin-12; VE cadherin 2; VE-cad-2; VE-cadherin 2; vascular cadherin-2; vascular endothelial cadherin 2; vascular endothelial cadherin-2; VECAD2; VE-cadherin-2;
Entrez Gene ID	51294
mRNA Refseq	NM_016580
Protein Refseq	NP_057664
UniProt ID	Q9NPG4
Chromosome Location	5q31.3
Function	calcium ion binding;