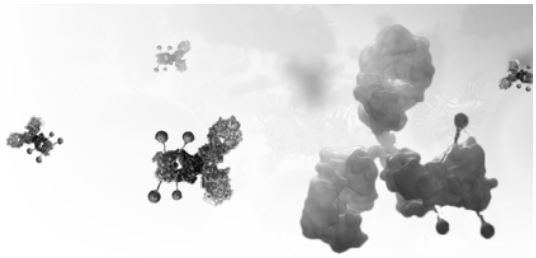

Human PICALM blocking peptide (CDBP2297)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-PICALM antibody
Antigen Description	This gene encodes a clathrin assembly protein, which recruits clathrin and adaptor protein complex 2 (AP2) to cell membranes at sites of coated-pit formation and clathrin-vesicle assembly. The protein may be required to determine the amount of membrane to be recycled, possibly by regulating the size of the clathrin cage. The protein is involved in AP2-dependent clathrin-mediated endocytosis at the neuromuscular junction. A chromosomal translocation t(10;11)(p13;q14) leading to the fusion of this gene and the MLLT10 gene is found in acute lymphoblastic leukemia, acute myeloid leukemia and malignant lymphomas. The polymorphisms of this gene are associated with the risk of Alzheimer disease. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2011]
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℃, stable for one year.

GENE INFORMATION

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Gene Name	PICALM phosphatidylinositol binding clathrin assembly protein [Homo sapiens (human)]
Official Symbol	PICALM
Synonyms	PICALM; phosphatidylinositol binding clathrin assembly protein; LAP; CALM; CLTH; phosphatidylinositol-binding clathrin assembly protein; clathrin assembly lymphoid myeloid leukemia protein;
Entrez Gene ID	8301
mRNA Refseq	NM_001008660.2
Protein Refseq	NP_001008660.1
UniProt ID	Q13492
Chromosome Location	11q14
Pathway	Clathrin derived vesicle budding, organism-specific biosystem; Golgi Associated Vesicle Biogenesis, organism-specific biosystem; Membrane Trafficking, organism-specific biosystem; trans-Golgi Network Vesicle Budding, organism-specific biosystem;
Function	1-phosphatidylinositol binding; clathrin adaptor activity; clathrin binding; clathrin binding; clathrin binding; clathrin heavy chain binding; protein binding;

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