



Human MARCH1 blocking peptide (CDBP1823)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MARCH-I antibody
Antigen Description	MARCH1 is a member of the MARCH family of membrane-bound E3 ubiquitin ligases (EC 6.3.2.19). MARCH proteins add ubiquitin (see MIM 191339) to target lysines in substrate proteins, thereby signaling their vesicular transport between membrane compartments. MARCH1 downregulates the surface expression of major histocompatibility complex (MHC) class II molecules (see MIM 142880) and other glycoproteins by directing them to the late endosomal/lysosomal compartment (Bartee et al., 2004 [PubMed 14722266]; Thibodeau et al., 2008 [PubMed 18389477]; De Gassart et al., 2008 [PubMed 18305173]).[supplied by OMIM, Mar 2010]
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	MARCH1 membrane-associated ring finger (C3HC4) 1, E3 ubiquitin protein ligase [Homo sapiens (human)]
Official Symbol	MARCH1

Synonyms	MARCH1; membrane-associated ring finger (C3HC4) 1, E3 ubiquitin protein ligase; RNF171; MARCH-I; E3 ubiquitin-protein ligase MARCH1; RING finger protein 171; membrane-associated RING-CH protein I; membrane-associated RING finger protein 1;
Entrez Gene ID	55016
mRNA Refseq	NM_001166373.1
Protein Refseq	NP_001159845.1
UniProt ID	A8K0Z6
Chromosome Location	4q32.2
Function	MHC protein binding; ubiquitin-protein ligase activity; zinc ion binding;