



Anti-MARCH1 monoclonal antibody, clone MAAG6019 (CABT-BL2321)

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

PRODUCT INFORMATION

Immunogen	MARCH1 (NP_060393, 1 a.a~100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	MAAG6019
Conjugate	Unconjugated
Applications	ELISA
Buffer	Clear, colorless solution in phosphate buffered saline, pH 7.2.
Preservative	None
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

BACKGROUND

Introduction	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
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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]

GENE INFORMATION

Entrez Gene ID	55016
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Protein Refseq	NP_060393.1
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UniProt ID	A8K0Z6
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