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MARCH6 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant MARCH6.
Catalog # AT2800a

Product Information

Application	WB, E
Primary Accession	O60337
Other Accession	NM_005885
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	2F7
Calculated MW	102545

Additional Information

Gene ID	10299
Other Names	E3 ubiquitin-protein ligase MARCH6, 632-, Doa10 homolog, Membrane-associated RING finger protein 6, Membrane-associated RING-CH protein VI, MARCH-VI, Protein TEB-4, RING finger protein 176, MARCH6, KIAA0597, RNF176, TEB4
Target/Specificity	MARCH6 (NP_005876, 2 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	MARCH6 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

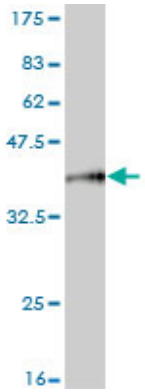
MARCH6 is an E3 ubiquitin (see MIM 191339) ligase that localizes to endoplasmic reticulum (ER) membranes (Hassink et al., 2005 [PubMed 15673284]).

References

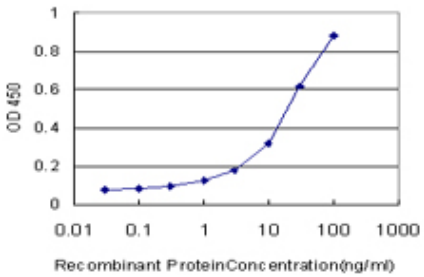
The E3 ubiquitin ligase TEB4 mediates degradation of type 2 iodothyronine deiodinase. Zavacki AM, et al. Mol Cell Biol, 2009 Oct. PMID 19651899. Membrane topology of the yeast endoplasmic reticulum-localized

ubiquitin ligase Doa10 and comparison with its human ortholog TEB4 (MARCH-VI). Kreft SG, et al. J Biol Chem, 2006 Feb 24. PMID 16373356. TEB4 is a C4HC3 RING finger-containing ubiquitin ligase of the endoplasmic reticulum. Hassink G, et al. Biochem J, 2005 Jun 1. PMID 15673284. The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Downregulation of major histocompatibility complex class I by human ubiquitin ligases related to viral immune evasion proteins. Bartee E, et al. J Virol, 2004 Feb. PMID 14722266.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.64 KDa) .



Detection limit for recombinant GST tagged MARCH6 is approximately 0.3ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.