

ARG55821 anti-MAGED1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes MAGED1
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	1305CT862.157.127
Isotype	IgG1, kappa
Target Name	MAGED1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 20-224 (Center) of Human MAGED1.
Conjugation	Un-conjugated
Alternate Names	DLXIN-1; Neurotrophin receptor-interacting MAGE homolog; Melanoma-associated antigen D1; MAGE tumor antigen CCF; NRAGE; MAGE-D1 antigen

Application Instructions

Application table	Application	Dilution
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	293	

Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 9500 Human Swiss-port # Q9Y5V3 Human
Gene Symbol	MAGED1
Gene Full Name	melanoma antigen family D1
Background	This gene is a member of the melanoma antigen gene (MAGE) family. Most of the genes of this family encode tumor specific antigens that are not expressed in normal adult tissues except testis. Although the protein encoded by this gene shares strong homology with members of the MAGE family, it is expressed in almost all normal adult tissues. This gene has been demonstrated to be involved in the p75 neurotrophin receptor mediated programmed cell death pathway. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Function	Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells. Inhibits cell cycle progression, and facilitates NGFR-mediated apoptosis. May act as a regulator of the function of DLX family members. May enhance ubiquitin ligase activity of RING-type zinc finger-containing E3 ubiquitin-protein ligases. Proposed to act through recruitment and/or stabilization of the Ubl-conjugating enzyme (E2) at the E3:substrate complex. Plays a role in the circadian rhythm regulation. May act as RORA co-regulator, modulating the expression of core clock genes such as ARNTL/BMAL1 and NFIL3, induced, or NR1D1, repressed. [UniProt]
Calculated Mw	86 kDa
Cellular Localization	Cytoplasm. Cell membrane; Peripheral membrane protein. Nucleus. Note=Expression shifts from the cytoplasm to the plasma membrane upon stimulation with NGF.

Images



ARG55821 anti-MAGED1 antibody WB image

Western blot: 35 µg of 293 cell lysate stained with ARG55821 anti-MAGED1 antibody at 1:1000 dilution.