

# Product datasheet

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# 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 rythm regulation. May act as RORA co-regulator, modulating the expression of core clock genes such as ARNTL/BMAL1

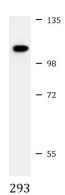
and NFIL3, induced, or NR1D1, repressed. [UniProt]

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  $\mu g$  of 293 cell lysate stained with ARG55821 anti-MAGED1 antibody at 1:1000 dilution.