



# MAGD1 Monoclonal Antibody

Catalog No	YP-mAb-06477
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	MAGED1 NRAGE PP2250 PRO2292
Protein Name	Melanoma-associated antigen D1 (MAGE tumor antigen CCF) (MAGE-D1 antigen) (Neurotrophin receptor-interacting MAGE homolog)
Immunogen	Synthesized peptide derived from human protein . at AA range: 200-280
Specificity	MAGD1 Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	85kD
Cell Pathway	Cytoplasm . Cell membrane ; Peripheral membrane protein . Nucleus . Expression shifts from the cytoplasm to the plasma membrane upon stimulation with NGF. .
Tissue Specificity	Expressed in bone marrow stromal cells from both multiple myeloma patients and healthy donors. Seems to be ubiquitously expressed.
Function	function:Involved in the apoptotic response after nerve growth factor (NGF) binding in neuronal cells. Binds p75NTR and antagonizes its association with TrkA, inhibits cell cycle progression, and facilitates p75NTR-mediated apoptosis. May act as a regulator of the function of DLX family members. May regulate p53 transcriptional activity and inhibit cell proliferation. Enhances p53 phosphorylation and accumulation.,similarity:Contains 1 MAGE domain.,subcellular location:Expression shifts from the cytoplasm to the plasma membrane upon stimulation with NGF.,subunit:Interacts with DLX5, DLX7 and MSX2 and forms homomultimers. Interacts with UNC5A (By similarity). Interacts with the p75 neurotrophin receptor.,tissue specificity:Expressed in bone marrow stromal cells from both multiple myeloma patients and healthy donors. Seems to be ubiquitously expressed.,

**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],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**