

MAGED1 Polyclonal Antibody

Catalog number: 11539-1-AP

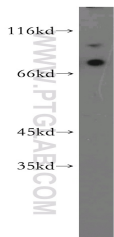
Size: 20 µg/150 µl

Source: Rabbit

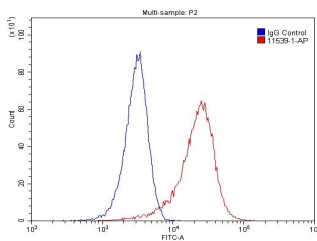
Isotype: IgG

Synonyms:

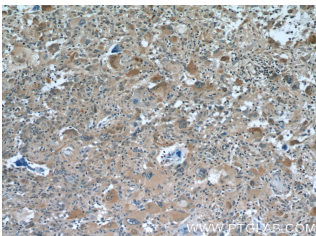
MAGED1; DLXIN 1, MAGE D1 antigen, MAGE tumor antigen CCF, MAGED1, melanoma antigen family D, 1, Melanoma associated antigen D1, NRAGE, PP2250



HEK-293 cells were subjected to SDS PAGE followed by western blot with 11539-1-AP (MAGED1 antibody) at dilution of 1:500



1X10⁶ HeLa cells were stained with 0.2 µg MAGED1 antibody (11539-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.



Immunohistochemistry of paraffin-embedded human gliomas tissue slide using 11539-1-AP (MAGED1 Antibody) at dilution of 1:100 (under 10x lens)

Background

MAGED1 (also known as NRAGE or Dlxin-1) is a member of the type II melanoma antigen (MAGE) family of protein. MAGED1 can interact with the nerve growth factor receptor p75NTR, antagonize the association of p75NTR with TrkA, inhibit cell cycle progression, and facilitate p75NTR-mediated apoptosis (PMID: 10985348). It has been reported that MAGED1 binds Dlx5 and regulates its transcriptional function. In vivo, MAGED1 binds not only Dlx5 but also Dlx7 and Msx2 and forms homomultimers (PMID: 11084035). MAGED1 knockout mice show depressive behavior and impairments of circadian rhythm (PMID: 20300063; 23314527).

Applications

Tested applications:	ELISA, WB, IHC, FC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated MAGED1 MW:	834aa, 92 kDa, or 778aa, 86 kDa
Observed MAGED1 MW:	66 kDa, 92-95 kDa
Positive WB detected in	HEK-293 cells, Apoptosised HeLa cells, HeLa cells, human brain tissue
Positive IHC detected in	Human gliomas tissue
Positive FC detected in	HeLa cells
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200 FC: N/A

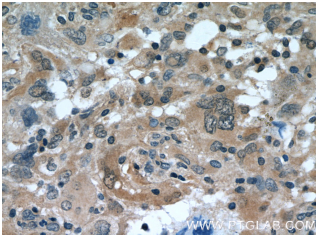
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2109
GenBank accession number:	BC014070
Gene ID (NCBI):	9500
Full name:	Melanoma antigen family D, 1

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



**Immunohistochemistry of
paraffin-embedded human
gliomas tissue slide using
11539-1-AP (MAGED1
Antibody) at dilution of 1:100
(under 40x lens)**