

MGRN1 Antibody (monoclonal) (M07)**Mouse monoclonal antibody raised against a partial recombinant MGRN1.****Catalog # AT2867a****Specification**

MGRN1 Antibody (monoclonal) (M07) - Product Information

Application	WB, IF
Primary Accession	O60291
Other Accession	NM_015246
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	60753

MGRN1 Antibody (monoclonal) (M07) - Additional Information**Gene ID** 23295**Other Names**

E3 ubiquitin-protein ligase MGRN1, 632-, Mahogunin RING finger protein 1, RING finger protein 156, MGRN1, KIAA0544, RNF156

Target/Specificity

MGRN1 (NP_056061, 477 a.a. ~ 576 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IF~~1:50~200

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

MGRN1 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

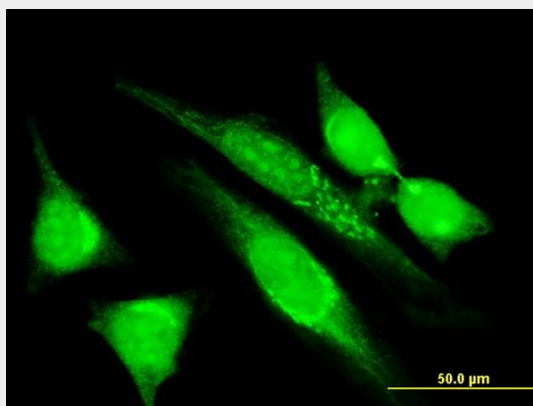
MGRN1 Antibody (monoclonal) (M07) - Protocols

Provided below are standard protocols that you may find useful for product applications.

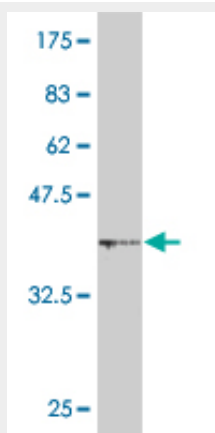
- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

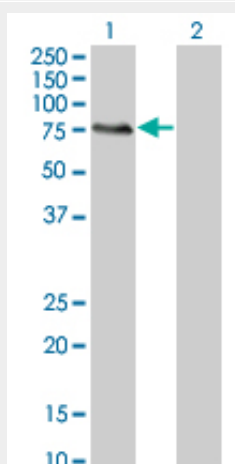
MGRN1 Antibody (monoclonal) (M07) - Images



Immunofluorescence of monoclonal antibody to MGRN1 on HeLa cell . [antibody concentration 10 ug/ml]



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .



Western Blot analysis of MGRN1 expression in transfected 293T cell line by MGRN1 monoclonal antibody (M07), clone 3E1.

Lane 1: MGRN1 transfected lysate(63.2 KDa).

Lane 2: Non-transfected lysate.

MGRN1 Antibody (monoclonal) (M07) - Background

Mahogunin (MGRN1) is a C3HC4 RING-containing protein with E3 ubiquitin ligase activity in vitro.

MGRN1 Antibody (monoclonal) (M07) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614. Mahogunin ring finger-1 (MGRN1) E3 ubiquitin ligase inhibits signaling from melanocortin receptor by competition with Galphas. Perez-Oliva AB, et al. J Biol Chem, 2009 Nov 13. PMID 19737927. Functional depletion of mahogunin by cytosolically exposed prion protein contributes to neurodegeneration. Chakrabarti O, et al. Cell, 2009 Jun 12. PMID 19524515. Pigmentation-related genes and their implication in malignant melanoma susceptibility. Fernandez LP, et al. Exp Dermatol, 2009 Jul. PMID 19320733. Toward a confocal subcellular atlas of the human proteome. Barbe L, et al. Mol Cell Proteomics, 2008 Mar. PMID 18029348.