

LUC7L Antibody (monoclonal) (M05)**Mouse monoclonal antibody raised against a partial recombinant LUC7L.****Catalog # AT2748a****Specification**

LUC7L Antibody (monoclonal) (M05) - Product Information

Application	WB, IF, IP
Primary Accession	O9NQ29
Other Accession	NM_018032
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	43728

LUC7L Antibody (monoclonal) (M05) - Additional Information**Gene ID** 55692**Other Names**

Putative RNA-binding protein Luc7-like 1, Putative SR protein LUC7B1, SR+89, LUC7L, LUC7L1

Target/Specificity

LUC7L (NP_060502, 1 a.a. ~ 111 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

IP~~N/A

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

LUC7L Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

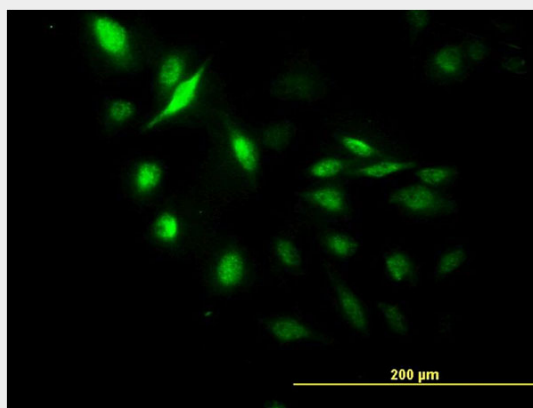
LUC7L Antibody (monoclonal) (M05) - Protocols

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

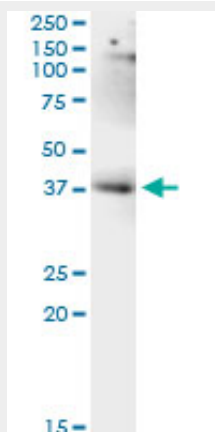
- [Western Blot](#)
- [Blocking Peptides](#)

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

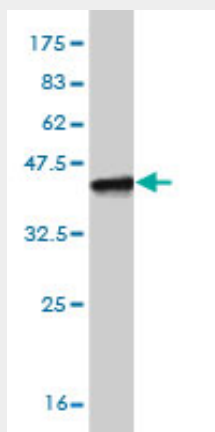
LUC7L Antibody (monoclonal) (M05) - Images



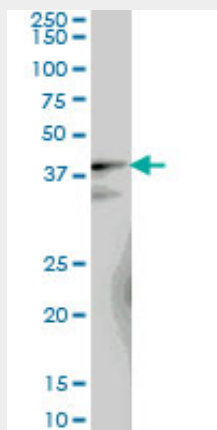
Immunofluorescence of monoclonal antibody to LUC7L on HeLa cell. [antibody concentration 10 ug/ml]



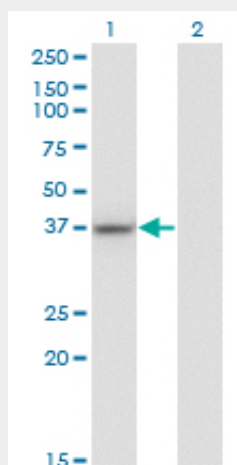
Immunoprecipitation of LUC7L transfected lysate using anti-LUC7L monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with LUC7L monoclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.21 kDa) .



LUC7L monoclonal antibody (M05), clone 2D10 Western Blot analysis of LUC7L expression in IMR-32 (Cat # AT2748a)



Western Blot analysis of LUC7L expression in transfected 293T cell line by LUC7L monoclonal antibody (M05), clone 2D10.

Lane 1: LUC7L transfected lysate (Predicted MW: 38.4 kDa).

Lane 2: Non-transfected lysate.

LUC7L Antibody (monoclonal) (M05) - Background

The LUC7L gene may represent a mammalian heterochromatic gene, encoding a putative RNA-binding protein similar to the yeast Luc7p subunit of the U1 snRNP splicing complex that is normally required for 5-prime splice site selection (Tufarelli et al., 2001 [PubMed 11170747]).

LUC7L Antibody (monoclonal) (M05) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolidinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. Defining the human deubiquitinating enzyme interaction landscape. Sowa ME, et al. Cell, 2009 Jul 23. PMID 19615732. Large-scale mapping of human protein-protein interactions by mass spectrometry. Ewing RM, et al. Mol Syst Biol, 2007. PMID 17353931. Global, in vivo, and

site-specific phosphorylation dynamics in signaling networks. Olsen JV, et al. Cell, 2006 Nov 3. PMID 17081983.