

EXOSC3 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant EXOSC3.

Catalog # AT1967a

Specification

EXOSC3 Antibody (monoclonal) (M03) - Product Information

Application	WB, IHC, IP, E
Primary Accession	O9NOT5
Other Accession	BC002437
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	29572

EXOSC3 Antibody (monoclonal) (M03) - Additional Information

Gene ID 51010

Other Names

Exosome complex component RRP40, Exosome component 3, Ribosomal RNA-processing protein 40, p10, EXOSC3, RRP40

Target/Specificity

EXOSC3 (AAH02437, 1 a.a. ~ 275 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

WB~~1:500~1000

IHC~~1:100~500

IP~~N/A

E~~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

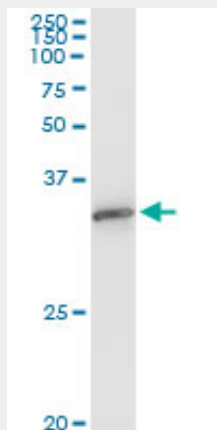
EXOSC3 Antibody (monoclonal) (M03) is for research use only and not for use in diagnostic or therapeutic procedures.

EXOSC3 Antibody (monoclonal) (M03) - Protocols

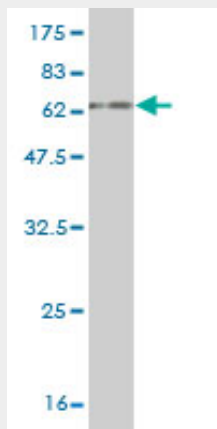
Provided below are standard protocols that you may find useful for product applications.

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

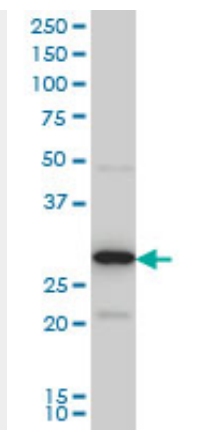
EXOSC3 Antibody (monoclonal) (M03) - Images



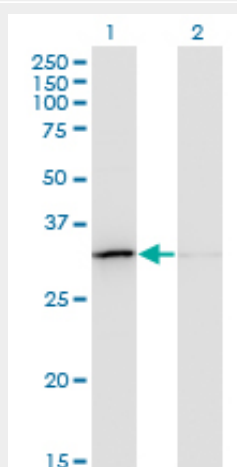
Immunoprecipitation of EXOSC3 transfected lysate using anti-EXOSC3 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with EXOSC3 monoclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.99 KDa) .



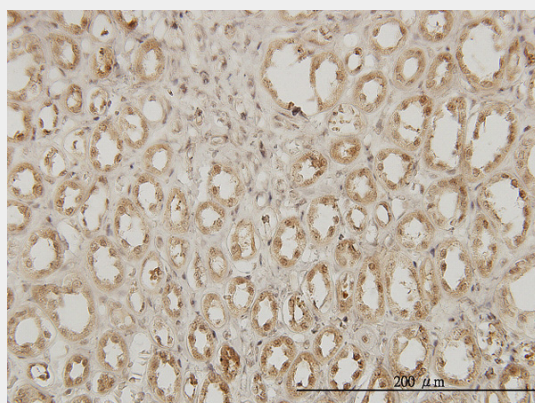
EXOSC3 monoclonal antibody (M03), clone 5C3 Western Blot analysis of EXOSC3 expression in HeLa S3 NE (Cat # AT1967a)



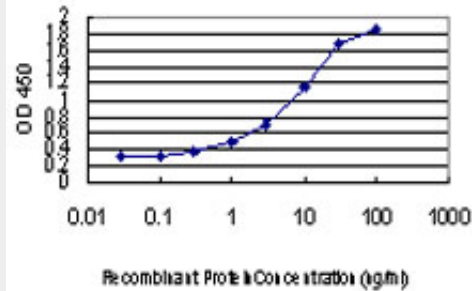
Western Blot analysis of EXOSC3 expression in transfected 293T cell line by EXOSC3 monoclonal antibody (M03), clone 5C3.

Lane 1: EXOSC3 transfected lysate (Predicted MW: 29.6 KDa).

Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to EXOSC3 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged EXOSC3 is approximately 0.03ng/ml as a capture antibody.

EXOSC3 Antibody (monoclonal) (M03) - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. A protein interaction framework for human mRNA degradation. Lehner B, et al. Genome Res, 2004 Jul. PMID 15231747. A KH domain RNA binding protein, KSRP, promotes ARE-directed mRNA turnover by recruiting the degradation machinery. Gherzi R, et al. Mol Cell, 2004 Jun 4. PMID 15175153. The association of the human PM/Sci-75 autoantigen with the exosome is dependent on a newly identified N terminus. Rajmakers R, et al. J Biol Chem, 2003 Aug 15. PMID 12788944. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.