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EXOSC3 Antibody (monoclonal) (M03)

Mouse monoclonal antibody raised against a full length recombinant EXOSC3.
Catalog # AT1967a

Specification

EXOSC3 Antibody (monoclonal) (M03) - Product Information

Application	**IP, WB, IHC, E**
Primary Accession	Q9NQT5
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

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

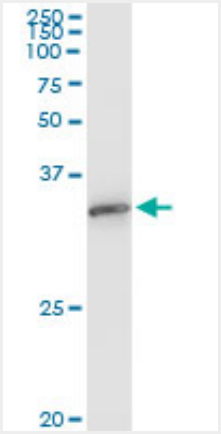
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

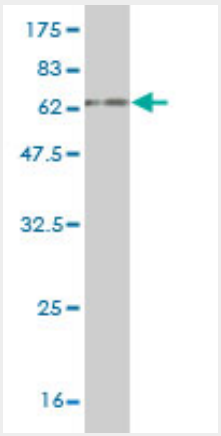
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

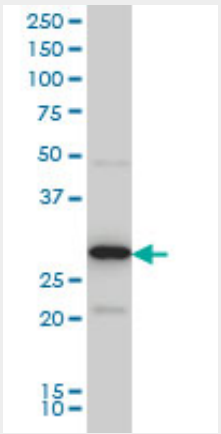
EXOSC3 Antibody (monoclonal) (M03) - Images



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

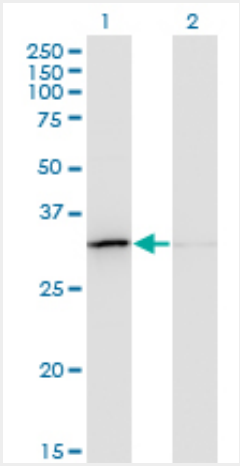


Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (55.99 KDa) .



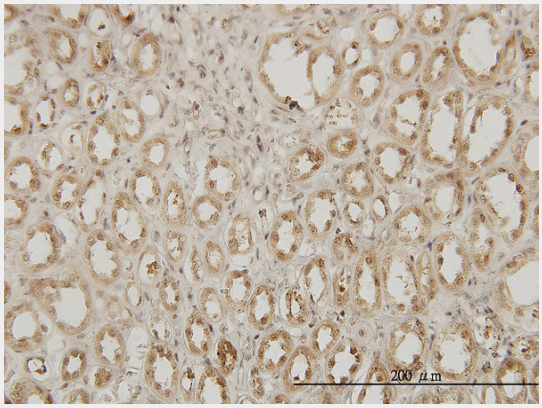
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EXOSC3 monoclonal antibody (M03), clone 5C3 Western Blot analysis of EXOSC3 expression in Hela S3 NE ((Cat # AT1967a)

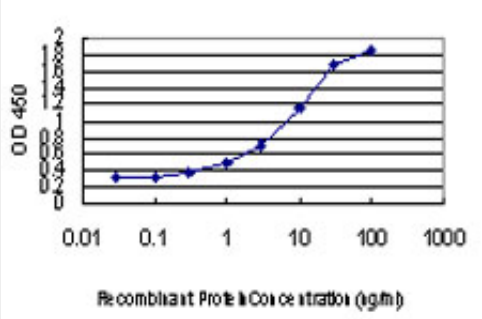


Western Blot analysis of EXOSC3 expression in transfected 293T cell line by EXOSC3 monoclonal antibody (M03), clone 5C3.

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/Scl-75 autoantigen with the exosome is dependent on a newly identified N terminus. Raijmakers 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.