

DDX43 Antibody (monoclonal) (M07)

Mouse monoclonal antibody raised against a partial recombinant DDX43.

Catalog # AT1737a

Specification

DDX43 Antibody (monoclonal) (M07) - Product Information

Application	IF, WB, E
Primary Accession	O9NXZ2
Other Accession	NM_018665
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	72844

DDX43 Antibody (monoclonal) (M07) - Additional Information

Gene ID 55510

Other Names

Probable ATP-dependent RNA helicase DDX43, Cancer/testis antigen 13, CT13, DEAD box protein 43, DEAD box protein HAGE, Helical antigen, DDX43, HAGE

Target/Specificity

DDX43 (NP_061135.1, 2 a.a. ~ 90 a.a) partial 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

DDX43 Antibody (monoclonal) (M07) is for research use only and not for use in diagnostic or therapeutic procedures.

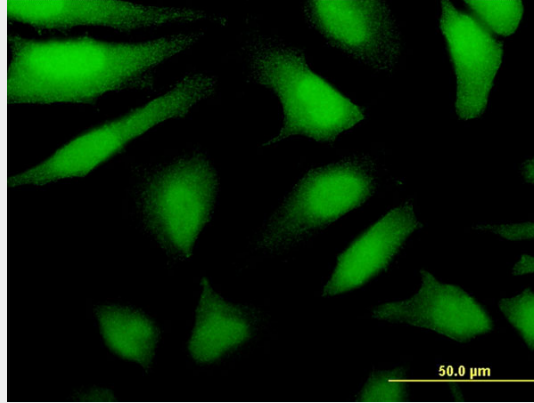
DDX43 Antibody (monoclonal) (M07) - Protocols

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

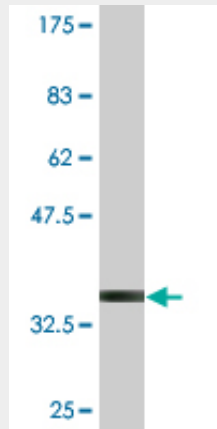
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

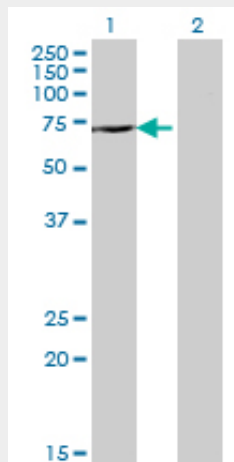
DDX43 Antibody (monoclonal) (M07) - Images



Immunofluorescence of monoclonal antibody to DDX43 on HeLa cell . [antibody concentration 10 ug/ml]

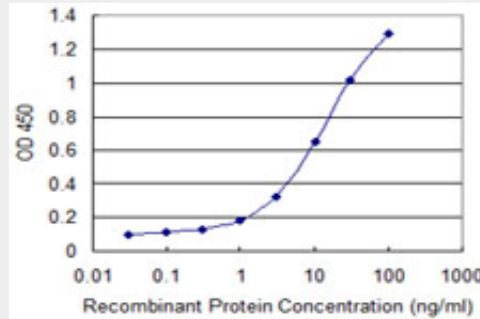


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .



Western Blot analysis of DDX43 expression in transfected 293T cell line by DDX43 monoclonal antibody (M07), clone 3G12.

Lane 1: DDX43 transfected lysate(72.9 KDa).
Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged DDX43 is 0.3 ng/ml as a capture antibody.

DDX43 Antibody (monoclonal) (M07) - Background

The protein encoded by this gene is an ATP-dependent RNA helicase in the DEAD-box family and displays tumor-specific expression.

DDX43 Antibody (monoclonal) (M07) - References

HAGE, a cancer/testis antigen expressed at the protein level in a variety of cancers. Mathieu MG, et al. *Cancer Immun*, 2010 Jan 11. PMID 20058853. HAGE, a cancer/testis antigen with potential for melanoma immunotherapy: identification of several MHC class I/II HAGE-derived immunogenic peptides. Mathieu MG, et al. *Cancer Immunol Immunother*, 2007 Dec. PMID 17487488. Epigenetic regulation of human cancer/testis antigen gene, HAGE, in chronic myeloid leukemia. Roman-Gomez J, et al. *Haematologica*, 2007 Feb. PMID 17296563. The LIFEdb database in 2006. Mehrle A, et al. *Nucleic Acids Res*, 2006 Jan 1. PMID 16381901. Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. *Genome Res*, 2006 Jan. PMID 16344560.