DDX53 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	DDX53, Monoclonal Antibody
Full Product Name	Anti DDX53 mouse monoclonal antibody
Product Gene Name	anti-DDX53 antibody
Product Synonym Names	DDX53; Cancer-associated gene protein; Cancer/testis antigen 26; CT26; DEAD box protein 53; DEAD box protein CAGE
Clonality	Monoclonal
Isotype	IgG1
Clone Number	26-3-D3-2-A3
Host	Mouse
Species Reactivity	Human
Form/Format	Liquid. Supplied as solution form in PBS, pH7.4, containing 0.05% proclin300, 50% glycerol.
Purity/Purification	Protein G purified from mice ascites
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles.
Molecular Weight	71,154 Da
3D Structure	ModBase 3D Structure for Q86TM3
Immunogen	Sythesis peptide from the target protein
Product Categories/Family for anti-DDX53 antibody	Monoclonal antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-DDX53 antibody	ELISA (EIA)
Application Notes for anti-DDX53 antibody	ELISA: 1:1,000~4,000
Related Product Information for anti-DDX53 antibody	MBS157765 is an antibody targeting DDX53. Also known as Anti DDX53 mouse monoclonal antibody. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-DDX53 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DDX53. It may not necessarily be applicable to this product.

NCBI GI #	55749865
NCBI GeneID	168400
NCBI Accession #	NP_874358.2

UniProt Primary Accession #	Q86TM3
UniProt Secondary Accession #	Q0D2N2; Q6NVV4
UniProt Related Accession #	Q86TM3
GenBank Nucleotide #	NM_182699.3
NCBI Official Full Name	DEAD box protein 53
NCBI Official Synonym Full Names	DEAD-box helicase 53
NCBI Official Symbol	DDX53
NCBI Official Synonym Symbols	CAGE; CT26
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX53
UniProt Synonym Protein Names	Cancer-associated gene protein; Cancer/testis antigen 26; CT26; DEAD box protein 53; DEAD box protein CAGE
Protein Family	Probable ATP-dependent RNA helicase
UniProt Gene Name	DDX53
UniProt Synonym Gene Names	CAGE; CT26
NCBI Protein Information	DEAD box protein 53
NCBI Summary for DDX53	This intronless gene encodes a protein which contains several domains found in members of the DEAD-box helicase protein family. Other members of this protein family participate in ATP-dependent RNA unwinding. [provided by RefSeq, Sep 2011]
UniProt Comments for DDX53	DDX53: This intronless gene encodes a protein which contains several domains found in members of the DEAD-box helicase protein family. Other members of this protein family participate in ATP-dependent RNA unwinding. [provided by RefSeq, Sep 2011] Protein type: Cancer Testis Antigen (CTA); EC 3.6.4.13; Helicase Chromosomal Location of Human Ortholog: Xp22.11 Cellular Component: cytoplasm; nucleolus Molecular Function: ATP binding; ATP-dependent RNA helicase activity; RNA binding Biological Process: RNA secondary structure unwinding
Research Articles on DDX53	**1.** DDX53 promotes stem cell-like properties, autophagy, and confers resistance to anti-cancer drugs in breast cancer cells.
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