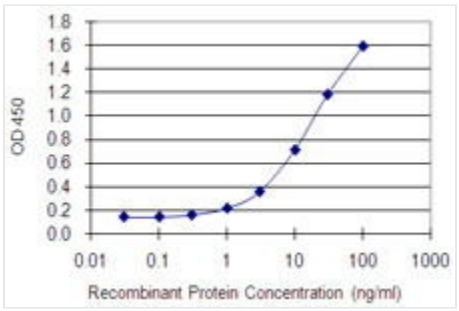
DDX4 Antibody – Mouse Monoclonal

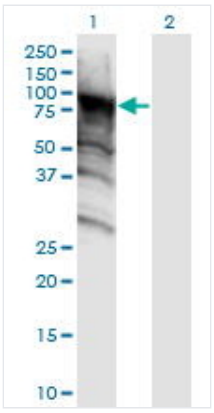
PRODUCT OVERVIEW

Product Name	DDX4, Monoclonal Antibody
Full Product Name	DDX4 (DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 4, MGC111074, VASA) (AP)
Product Gene Name	anti-DDX4 antibody
Product Synonym Names	DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 4; MGC111074; VASA
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D5
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Purity/Purification	Purified
Specificity	Recognizes DDX4.
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	DDX4 (NP_061912.1, 625aa-724aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	VHRIGRTGRCGNTGRAISFFDLESDNHLAQPLVKVLTDAQQDVPAWLEEIAFSTYIPGFSGSTRGNVFASVDTRKGKSTLNTAGFSSSQAPNPVDDESWD
Conjugate	AP
Product Categories/Family for anti-DDX4 antibody	Antibodies; DEAD Box Proteins
Applications Tested/Suitable for anti-DDX4 antibody	Western Blot (WB)
Application Notes for anti-DDX4 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-DDX4 antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein, which is a homolog of VASA proteins in Drosophila and several other species. The gene is specifically expressed in the germ cell lineage in both sexes and functions in germ cell development. [provided by RefSeq]
Other Notes	Small volumes of anti-DDX4 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.

Searchable Terms for DDX4 purchase	MBS6165810 is an antibody targeting DDX4. Also known as DDX4 (DEAD (Asp-Glu-Ala-Asp) Box Polypeptide 4, MGC111074, VASA) (AP). Host: Mouse.



Testing Data of anti-DDX4 antibody
Detection limit for recombinant GST tagged DDX4 is 0.3 ng/ml as a capture antibody.



Western Blot (WB) of anti-DDX4 antibody
Western Blot analysis of DDX4 expression in transfected 293T cell line by DDX4 monoclonal antibody (M06), clone 3D5.Lane 1: DDX4 transfected lysate (Predicted MW: 75.8 KDa).Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DDX4. It may not necessarily be applicable to this product.

NCBI GI #	9507237
NCBI Accession #	NP_061912.1
Protein Family	Probable ATP-dependent RNA helicase
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/ddx4/6165810