Forkhead Box Protein D2 (FOXD2) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Forkhead Box Protein D2 (FOXD2), Polyclonal Antibody
Full Product Name	Cy3 Linked Polyclonal Antibody to Forkhead Box Protein D2 (FOXD2)
Product Gene Name	anti-FOXD2 antibody
Product Synonym Names	FOXD2/Forkhead Box Protein D2; FKHL17; FREAC9; FOXD2; Forkheadrelated protein FKHL17; Forkheadrelated transcription factor 9
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Mouse
Form/Format	Liquid; 0.01M PBS, pH7.4, containing 0.05% Proclin300, 50% glycerol.
Purity/Purification	Affinity Chromatography
Concentration	>=0.5mg/mL (Please refer to the vial label for the specific concentration.) (lot specific)
Specificity	The antibody is a rabbit polyclonal antibody raised against FOXD2. It has been selected for its ability to recognize FOXD2 in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 2 degree C to 8 degree C for frequent use, 20 degree C for 24 months The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: FOXD2 (MBS2139766) Cy3 Conjugated Antibody: FOXD2 (MBS2137172)
Molecular Weight	48,937 Da
3D Structure	ModBase 3D Structure for O35392
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen Type	Prokaryotic Recombinant proteins/RP
Sequence of Immunogen	Met1~Asp206
Conjugation	Cy3
Product Categories/Family for anti-FOXD2 antibody	Signal transduction; Primary, Cy11319 labeled
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-FOXD2 antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-FOXD2 antibody	WB: 0.52ug/mL IHC: 520ug/mL ICC: 520ug/mL
Related Product Information for anti-FOXD2 antibody	MBS2137172 is an antibody targeting FOXD2. Also known as Cy3 Linked Polyclonal Antibody to Forkhead Box Protein D2 (FOXD2). Reactive in Mouse. Host: Rabbit.

Other Notes	Small volumes of anti-FOXD2 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 FOXD2. It may not necessarily be applicable to this product.

NCBI GI #	6679839
NCBI GeneID	17301
NCBI Accession #	NP_032619.1
UniProt Primary Accession #	O35392
UniProt Secondary Accession #	A2AD43
UniProt Related Accession #	O35392
GenBank Nucleotide #	NM_008593.3
NCBI Official Full Name	forkhead box protein D2
NCBI Official Synonym Full Names	forkhead box D2
NCBI Official Symbol	Foxd2
NCBI Official Synonym Symbols	Mf2; AI426778
UniProt Protein Name	Forkhead box protein D2
UniProt Synonym Protein Names	Mesoderm/mesenchyme forkhead 2; MF-2
Protein Family	Forkhead box protein
UniProt Gene Name	Foxd2
UniProt Synonym Gene Names	Mf2; MF-2
UniProt Entry Name	FOXD2_MOUSE
NCBI Protein Information	forkhead box protein D2
UniProt Comments for FOXD2	FOXD2: Probable transcription factor involved in embryogenesis and somatogenesis. Protein type: DNA-binding; Transcription factor; Cell development/differentiation Cellular Component: nucleus Molecular Function: DNA binding; sequence-specific DNA binding; transcription factor activity Biological Process: transcription from RNA polymerase II promoter; regulation of transcription from RNA polymerase II promoter; transcription, DNA-dependent; regulation of transcription, DNA-dependent
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