

FOXD1 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant FOXD1.

Catalog # AT2090a

Product Information

Application	WB, E
Primary Accession	Q16676
Other Accession	NM_004472
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2b Kappa
Clone Names	2C10
Calculated MW	46140

Additional Information

Gene ID	2297
Other Names	Forkhead box protein D1, Forkhead-related protein FKHL8, Forkhead-related transcription factor 4, FREAC-4, FOXD1, FKHL8, FREAC4
Target/Specificity	FOXD1 (NP_004463, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
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	FOXD1 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

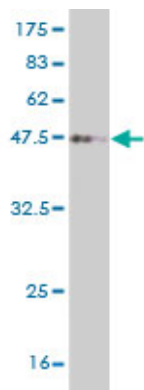
This intronless gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in tumor formation.

References

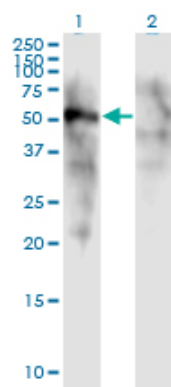
Smad6s regulates plasminogen activator inhibitor-1 through a protein kinase C-beta-dependent up-regulation of transforming growth factor-beta. Berg DT, et al. J Biol Chem, 2005 Apr 15. PMID 15716278. Chromosomal localization of six human forkhead genes, freac-1 (FKHL5), -3 (FKHL7), -4 (FKHL8), -5

(FKHL9), -6 (FKHL10), and -8 (FKHL12). Larsson C, et al. Genomics, 1995 Dec 10. PMID 8825632.Characterization of the human forkhead gene FREAC-4. Evidence for regulation by Wilms' tumor suppressor gene (WT-1) and p53. Ernstsson S, et al. J Biol Chem, 1996 Aug 30. PMID 8702877.Cloning and characterization of seven human forkhead proteins: binding site specificity and DNA bending. Pierrou S, et al. EMBO J, 1994 Oct 17. PMID 7957066.

Images



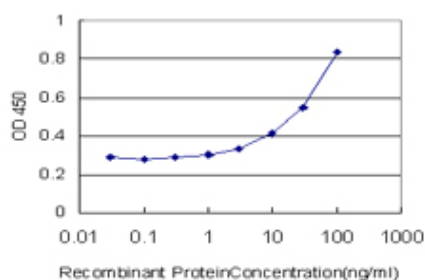
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.01 KDa) .



Western Blot analysis of FOXD1 expression in transfected 293T cell line by FOXD1 monoclonal antibody (M01), clone 2C10.

Lane 1: FOXD1 transfected lysate (Predicted MW: 51.15 KDa).

Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged FOXD1 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.