

FOXF1 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant FOXF1.

Catalog # AT2091a

Product Information

Application	E
Primary Accession	Q12946
Other Accession	NM_001451
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG2a Kappa
Clone Names	3D1
Calculated MW	40122

Additional Information

Gene ID	2294
Other Names	Forkhead box protein F1, Forkhead-related activator 1, FREAC-1, Forkhead-related protein FKHL5, Forkhead-related transcription factor 1, FOXF1, FKHL5, FREAC1
Target/Specificity	FOXF1 (NP_001442, 251 a.a. ~ 353 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	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	FOXF1 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

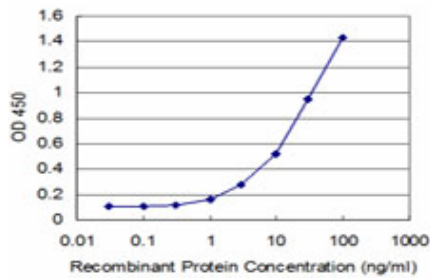
This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the regulation of pulmonary genes as well as embryonic development.

References

Forkhead box F1 regulates tumor-promoting properties of cancer-associated fibroblasts in lung cancer. Saito RA, et al. Cancer Res, 2010 Apr 1. PMID 20233876. Association of genetic variants with hemorrhagic stroke in

Japanese individuals. Yoshida T, et al. Int J Mol Med, 2010 Apr. PMID 20198315. Nuclear Janus-activated kinase 2/nuclear factor 1-C2 suppresses tumorigenesis and epithelial-to-mesenchymal transition by repressing Forkhead box F1. Nilsson J, et al. Cancer Res, 2010 Mar 1. PMID 20145151. Assessment of a polymorphism of SDK1 with hypertension in Japanese Individuals. Oguri M, et al. Am J Hypertens, 2010 Jan. PMID 19851296. Genetic factors in esophageal atresia, tracheo-esophageal fistula and the VACTERL association: roles for FOXF1 and the 16q24.1 FOX transcription factor gene cluster, and review of the literature. Shaw-Smith C. Eur J Med Genet, 2010 Jan-Feb. PMID 19822228.

Images



Detection limit for recombinant GST tagged FOXF1 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'.