



Mouse anti-Human FOXD1 monoclonal antibody, clone 3D21 (CABT-B10281)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	FOXD1 (NP_004463, 1 a.a. ~ 91 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	3D21
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MTLSTEMSDASGLAEETDIDVVGEGEDEEEDEEEEDDDEGGGGGPRLAVPAQRRRRRRSYA GEDELEDLEEEEDDDILLAPPAGGSPAPP*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. Studies of the orthologous mouse protein indicate that it functions in
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kidney development by promoting nephron progenitor differentiation, and it also functions in the development of the retina and optic chiasm. It may also regulate inflammatory reactions and prevent autoimmunity. [provided by RefSeq, Apr 2014]

Keywords	FOXD1; forkhead box D1; FKHL8; FREAC4; FREAC-4; forkhead box protein D1; forkhead-like 8; forkhead-related activator 4; forkhead-related protein FKHL8; Forkhead, drosophila, homolog-like 8; forkhead-related transcription factor 4;
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GENE INFORMATION

Entrez Gene ID	2297
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UniProt ID	Q16676
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Function	DNA bending activity; DNA binding; double-stranded DNA binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific enhancer binding RNA polymerase II transcription factor activity; transcription factor binding
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