



FoxD3 Monoclonal Antibody

Catalog No	BYab-00979
Isotype	IgG
Reactivity	Human;Mouse;Monkey
Applications	WB;IHC;IF;ELISA
Gene Name	FOXD3
Protein Name	Forkhead box protein D3
Immunogen	Purified recombinant fragment of human FoxD3 expressed in E. Coli.
Specificity	FoxD3 Monoclonal Antibody detects endogenous levels of FoxD3 protein.
Formulation	Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol.
Source	Monoclonal, Mouse
Purification	Affinity purification
Dilution	WB: 1/500 - 1/2000. IHC: 1/200 - 1/1000. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FOXD3; HFH2; Forkhead box protein D3; HNF3/FH transcription factor genesis
Observed Band	
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in chronic myeloid leukemia, Jurkat T-cell leukemia and teratocarcinoma cell lines, but not in any other cell lines or normal tissues examined.
Function	disease:Defects in FOXD3 are associated with susceptibility to autoimmune disease type 1 (AIS1) [MIM:607836]; also called vitiligo-associated multiple autoimmune disease susceptibility type 2 (VAMAS2). Generalized vitiligo is an acquired disorder in which white patches of skin and hair result from autoimmune loss of melanocytes, often associated with other autoimmune disorders. Most cases occur in a sporadic family pattern suggesting polygenic, multifactorial inheritance. However, a striking family in which a somewhat unusual vitiligo phenotype has been described, characterized by progressively coalescent diffuse depigmentation and relatively early disease onset, segregated as an apparent autosomal dominant with incomplete penetrance.,function:binds to the consensus sequence 5'-A[AT]T[AG]TTTGT-3' and acts as a transcriptional repressor. Also acts as a transcriptional activator. Promote

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Background

This gene belongs to the forkhead family of transcription factors which is characterized by a distinct forkhead domain. Mutations in this gene cause autoimmune susceptibility 1. [provided by RefSeq, Nov 2008],

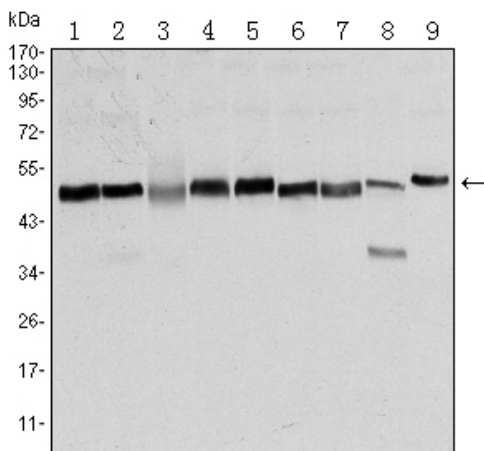
matters needing attention

Avoid repeated freezing and thawing!

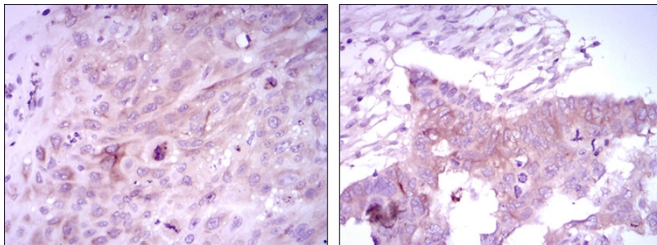
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis using FoxD3 Monoclonal Antibody against NTERA-2 (1), HUVE-12 (2), HEK293 (3), HeLa (4), Jurkat (5), K562 (6), RAW264.7 (7), NIH/3T3 (8), and COS7 (9) cell lysate.



Immunohistochemistry analysis of paraffin-embedded lung cancer tissues (left) and ovarian cancer tissues (right) with DAB staining using FoxD3 Monoclonal Antibody.