



# FoxD4/D4L Monoclonal Antibody

<b>Catalog No</b>	YP-mAb-01722
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	FOXD4
<b>Protein Name</b>	Forkhead box protein D4
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FOXD4/L2/L3/L4/L5/L6. AA range:281-330
<b>Specificity</b>	FoxD4/D4L Monoclonal Antibody detects endogenous levels of FoxD4/D4L protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	FOXD4; FKHL9; FOXD4A; FREAC5; Forkhead box protein D4; Forkhead-related protein FKHL9; Forkhead-related transcription factor 5; FREAC-5; Myeloid factor-alpha; FOXD4L4; FOXD4B; Forkhead box protein D4-like 4; FOXD4-like 4; Forkhead box prote
<b>Observed Band</b>	46kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Chondrosarcoma,Heart,PCR rescued clones,
<b>Function</b>	similarity:Contains 1 fork-head DNA-binding domain.,
<b>Background</b>	This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. Mutations in this gene are associated with a complex phenotype consisting of dilated cardiomyopathy, obsessive-compulsive disorders, and suicidality. [provided by RefSeq, Mar 2012],



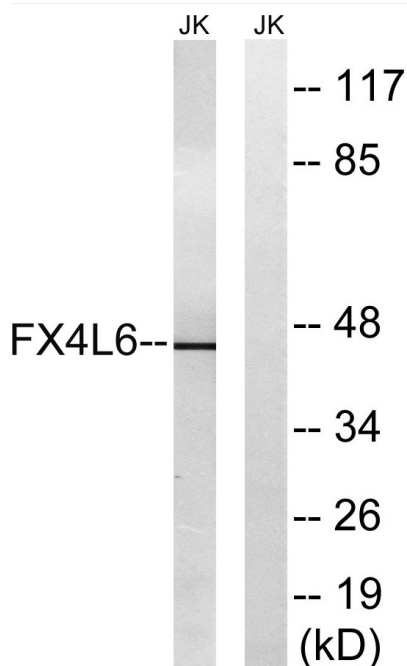
**matters needing attention**

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 of lysates from Jurkat cells, using FOXD4/L2/L3/L4/L5/L6 Antibody. The lane on the right is blocked with the synthesized peptide.