

## Anti-FOXO4 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

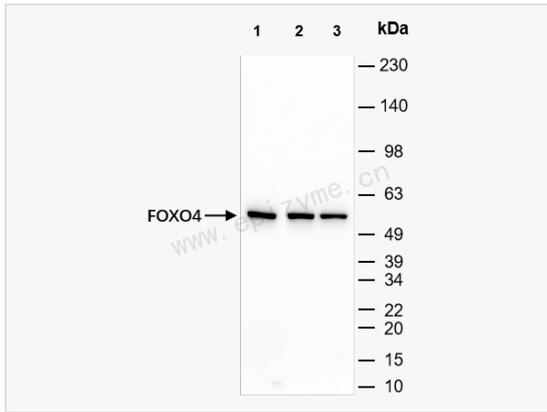
Catalog # R015787

### Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	21J01H31
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human FoxO4
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-FOXO4 Rabbit mAb [21J01H31] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	AFX; AFX1; MLLT7; FOXO4; Forkhead box protein O4; Fork head domain transcription factor AFX1.
Calculated MW	Calculated MW: 54 kDa; Observed MW: 54 kDa
Uniprot ID	P98177
Gene ID	4303
Background	This gene encodes a member of the O class of winged helix/forkhead transcription factor family. Proteins encoded by this class are regulated by factors involved in growth and differentiation indicating they play a role in these processes. A translocation involving this gene on chromosome X and the homolog of the Drosophila trithorax gene, encoding a DNA binding protein, located on chromosome 11 is associated with leukemia. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2010]
Cellular Location	Cytoplasm.Nucleus.When phosphorylated, translocated from nucleus to cytoplasm. Dephosphorylation triggers nuclear translocation. Monoubiquitination increases nuclear localization. When deubiquitinated, translocated from nucleus to cytoplasm.
Tissue Location	Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Isoform zeta is most abundant in the liver, kidney, and pancreas.



Western Blot - Anti-FOXO4 Rabbit mAb [21J01H31]

All lanes: R015787 at 1:2,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates

Lane 3: T24 (Human bladder cancer epithelial cell) whole cell lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 54 kDa

Observed band size: 54 kDa

Developed using the ECL technique (Cat. No. SQ201).