



## FoxO4 (phospho Ser262) Monoclonal Antibody

FOXO4 around the phosphorylation site of Ser262. AA range:228-277  Specificity Phospho-FoxO4 (S262) Monoclonal Antibody detects endogenous levels of FoxO4 protein only when phosphorylated at S262.  Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azid source Monoclonal, Mouse, IgG  Purification The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.  Dilution WB 1:500-2000  Concentration 1 mg/ml  Purity ≥90%  Storage Stability -20°C/1 year  Synonyms FOXO4; AFX; AFX1; MLLT7; Forkhead box protein O4; Fork head domain transcription factor AFX1  Observed Band 54kD  Cell Pathway Cytoplasm. Nucleus. When phosphorylated, translocated from nucleus to cytoplasm. Dephosphorylation triggers nuclear translocation. Monoubiquiti increases nuclear localization. When deubiquitinated, translocated from nucleus to cytoplasm.  Tissue Specificity Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Is zeta is most abundant in the liver, kidney, and pancreas.		
Reactivity       Human; Mouse         Applications       WB         Gene Name       FOXO4         Protein Name       Forkhead box protein O4         Immunogen       The antiserum was produced against synthesized peptide derived from human FOXO4 around the phosphorylation site of Ser262. AA range:228-277         Specificity       Phospho-FoxO4 (S262) Monoclonal Antibody detects endogenous levels of FoxO4 protein only when phosphorylated at S262.         Formulation       Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azided source         Monoclonal, Mouse, IgG         Purification       The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.         Dilution       WB 1:500-2000         Concentration       1 mg/ml         Purity       ≥90%         Storage Stability       -20°C/1 year         Synonyms       FOXO4; AFX; AFX1; MLLT7; Forkhead box protein O4; Fork head domain transcription factor AFX1         Observed Band       54kD         Cell Pathway       Cytoplasm. Nucleus. When phosphorylated, translocated from nucleus to cytoplasm. Dephosphorylation triggers nuclear translocation. Monoubiquit increases nuclear localization. When deubiquitinated, translocated from nucleus to cytoplasm.         Tissue Specificity       Heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Is zeta is most abundant in the liver, kidney, and pancreas.	Catalog No	BYmab-01363
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	have been mutated to alanine may have therapeutic potential in ERBB2/HER2-overexpressing cancers as it inhibits ERBB2-mediated cell survival, transformation and tumorigenicity.,PTM:Acetylation by CBP, which is induced by peroxidase stress, inhibits transcriptional activity. Dea
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],
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**

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