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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB07734 - Goat Anti-FOXO4 / MLLT7 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: MLLT7, FOXO4, myeloid/lymphoid or mixed-lineage leukemia (trithorax homolog, Drosophila) translocated to, 7, AFX, AFX1, MGC120490, myeloid/lymphoid or mixed-lineage leukemia (trithorax (Drosophila) homolog) translocated to, 7

Official Symbol: FOXO4

Accession Number(s): NP_005929.2

Human GeneID(s): [4303](#)

Immunogen

Peptide with sequence C-EAASQDRMPQDLD, from the internal region of the protein sequence according to NP_005929.2.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:64000.

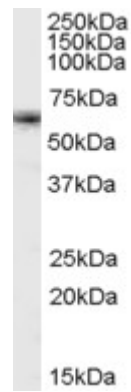
Western blot: Approx 60-65kDa band observed in lysates of cell line K562 (calculated MW of 53.7kDa according to NP_005929.2). Recommended concentration: 1-3µg/ml.

Enzyme immunoassay: Sandwich-type ELISA with increasing amount of recombinant FOXO4 captured by a rabbit antibody. Recommended reporter concentration: 0.5-1ug/ml

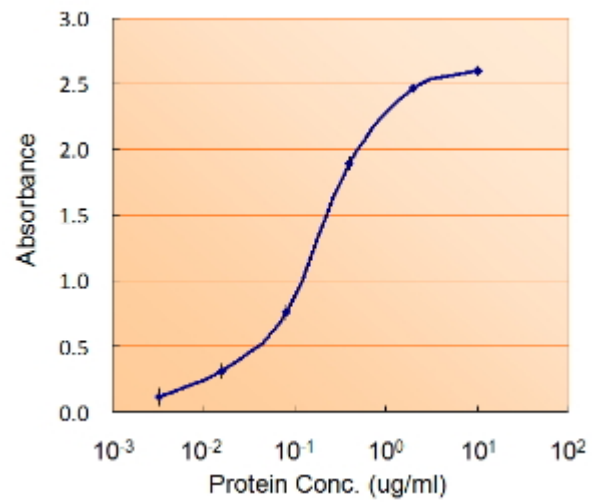
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB07734 (1 μ g/ml) staining of K562 cell lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



EB07734 (0.5 μ g/ml) as the reporter with EB002017 as the capture rabbit antibody (2.5 μ g/ml).