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Research Use Only. Not for diagnostic or therapeutic use.

EB06455 - Goat Anti-JIK / TAOK3 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TAOK3, JIK, TAO kinase 3, DPK, STE20-like kinase, STE2-like kinase,

DKFZp666H245, FLJ31808, MAP3K18

Official Symbol: TAOK3

Accession Number(s): NP_057365.3; NP_001333420.1

Human GeneID(s): 51347

Non-Human GenelD(s): 304530 (rat)

Immunogen

Peptide with sequence CHKKDHVFIRDEAGHGD, from the internal region of the protein sequence according to NP_057365.3; NP_001333420.1.

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 1:32000.

Western blot: Approx 100kDa band observed in human Liver lysate (calculated MW of 105kDa according to NP_057365). Recommended concentration: 0.3-1.0 µg/ml.

IHC: In paraffin embedded Human Prostate shows staining of cytoplasm of secretory cells in the glands. Recommended concentration, 2-3µg/ml.

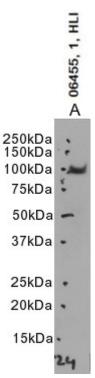
Flow Cytometry: Flow cytometric analysis of Human Peripheral Blood Leucocyte cells.

Recommended concentration: 10ug/ml.

Species Reactivity

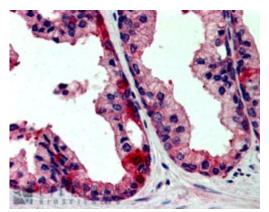
Tested: Human

Expected from sequence similarity: Human, Cow

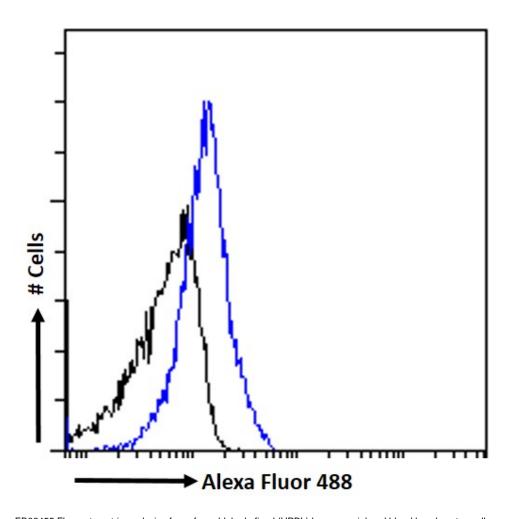


EB06455 optimised QC. Primary incubation 1 hour at room temperature.

Image A: Human Liver lysate at primary Ab concentration 1µg/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB06455 (2.5μg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB06455 Flow cytometric analysis of paraformaldehyde fixed (HPBL) human peripheral blood lymphocytes cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.