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Research Use Only. Not for diagnostic or therapeutic use.

EB06192 - Goat Anti-EPI64/TBC1D10A Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: EPI64, EBP50-PDZ interactor of 64 kD, Rab27A-GAP-alpha, EPI 64, Dj130h16, TBC1 domain family member 10A, TBC1D10, TBC1 domain family member

10A

Official Symbol: TBC1D10A

Accession Number(s): NP_114143; NP_001191169.1

Human GeneID(s): 83874

Immunogen

Peptide with sequence AKSNGENGPRAPA-C, from the N Terminus of the protein sequence according to NP_114143; NP_001191169.1.

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 1:2000.

Immunofluorescence: Strong expression of the protein seen in the cytoplasm/ plasma membranes and nuclei of MCF7 cells. Recommended concentration: 10µg/ml.

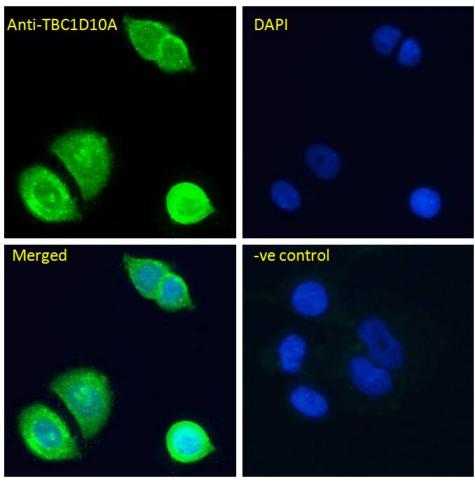
Flow Cytometry: Flow cytometric analysis of HEK293 cells. Recommended

concentration: 10ug/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human

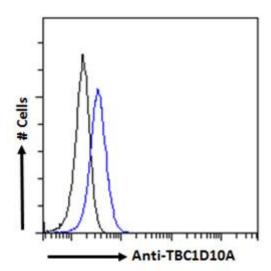


EB06192 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton.

Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing

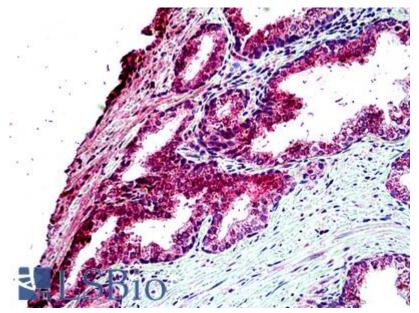
cytoplasmic/Plasma Membrane and nuclear staining. The nuclear stain is DAPI (blue). Negative control:

Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml).

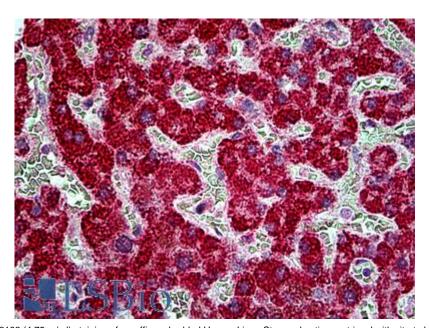


EB06192 Flow cytometric analysis of paraformaldehyde fixed HEK293 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control:

Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



EB06192 (4.75µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB06192 (4.75µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. This data is from a previous batch, not on sale.