



## UK Office

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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.

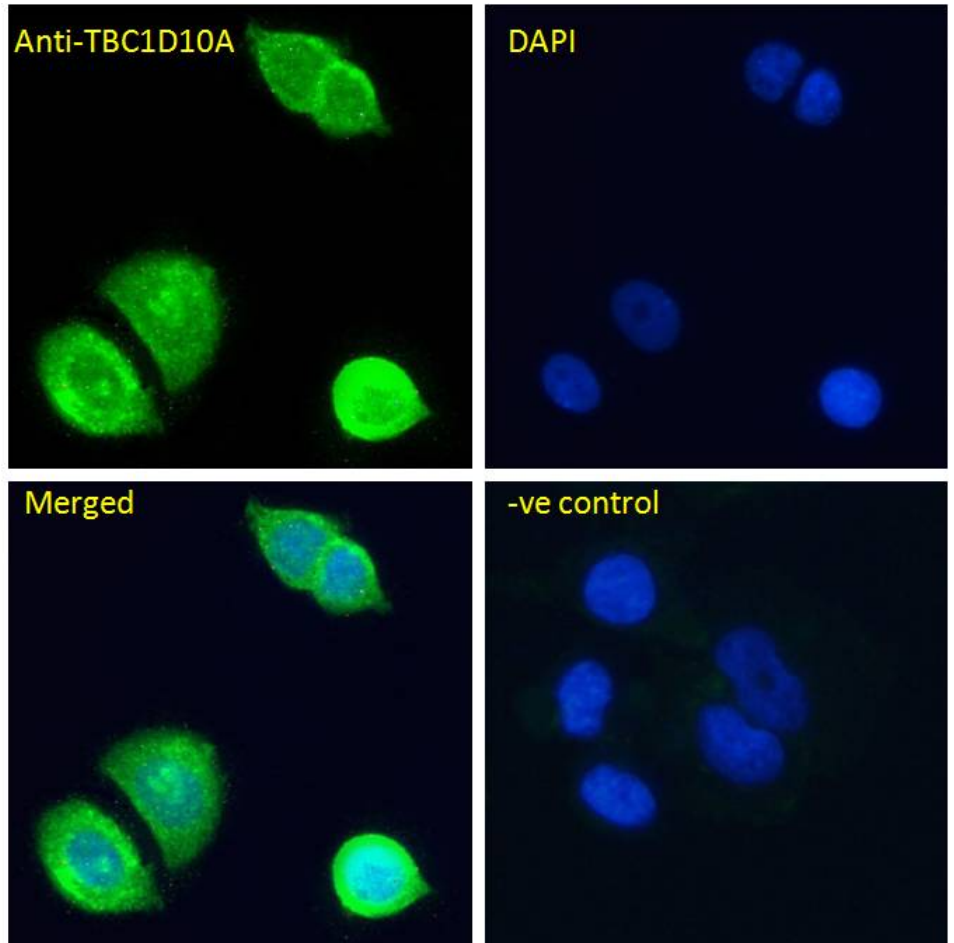
**Immunofluorescence:** Strong expression of the protein seen in the cytoplasm/ plasma membranes and nuclei of MCF7 cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of HEK293 cells. Recommended concentration: 10ug/ml.

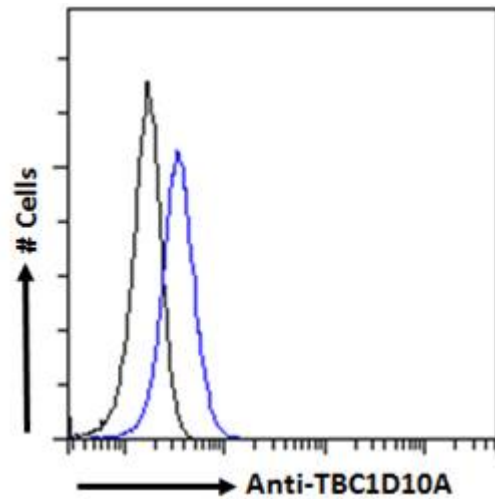
### Species Reactivity

**Tested:** Human

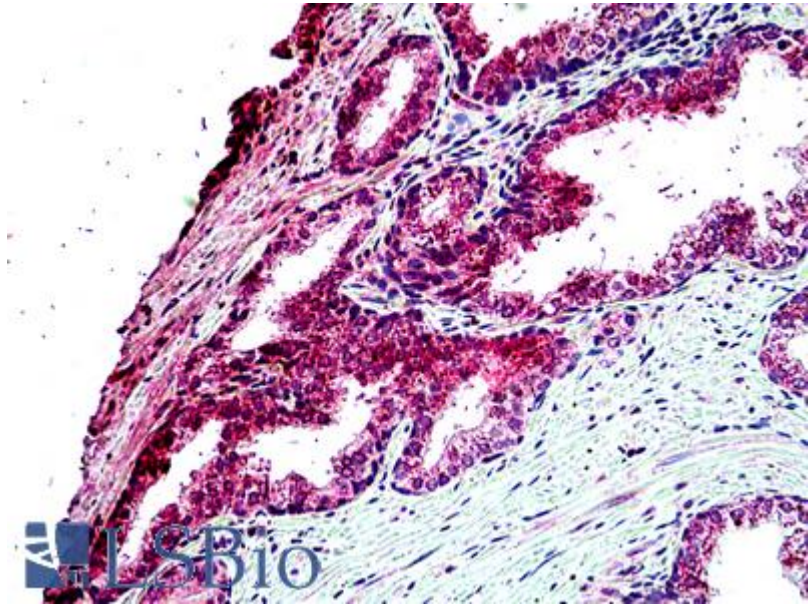
**Expected from sequence similarity:** Human



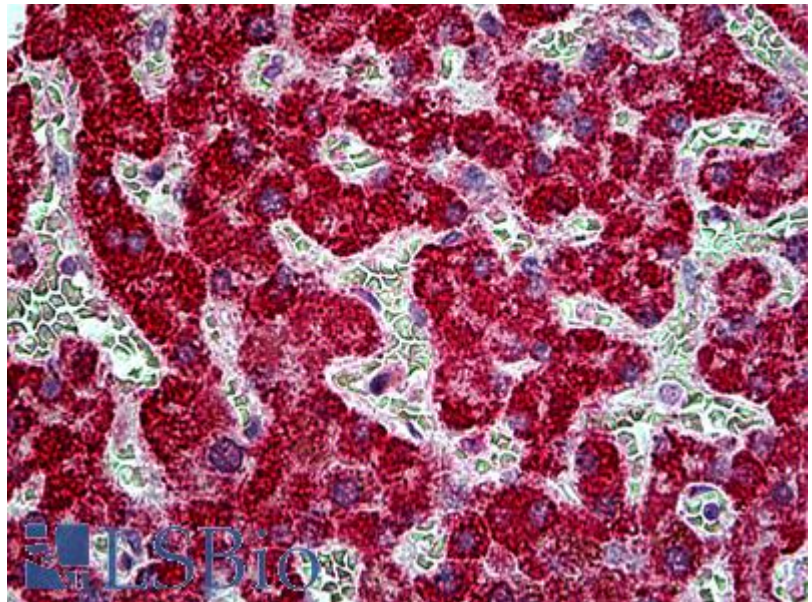
EB06192 Immunofluorescence analysis of paraformaldehyde fixed MCF7 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (4ug/ml), showing cytoplasmic/Plasma Membrane and nuclear staining. The nuclear stain is DAPI (blue). Negative control: 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.**