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Research Use Only. Not for diagnostic or therapeutic use.

EB08884 - Goat Anti-HOXD10 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: HOXD10, homeobox D10, HOX4, HOX4D, HOX4E, Hox-4.4, homeo

box 4D, homeo box D10

Official Symbol: HOXD10

Accession Number(s): NP_002139.2

Human GeneID(s): 3236

Non-Human GenelD(s): 15430 (mouse), 303991 (rat)

Immunogen

Peptide with sequence PNRSCRIEQPVTQQ, from the internal region of the protein sequence according to NP_002139.2.

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 1:32000.

Western blot: Preliminary testing showed a band at approx 37kDa in Human Kidney lysate after 3µg/ml antibody staining (calculated MW of 38.4 kDa according to NP_002139.2). Primary incubation 1 hour at room temperature.

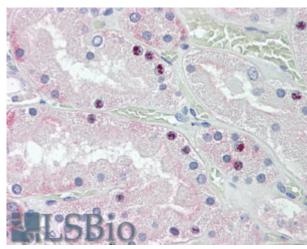
IHC: In paraffin embedded Human Kidney shows nuclear staining in some epithelial cells of PCT. Recommended concentration, 3-5µg/ml.

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

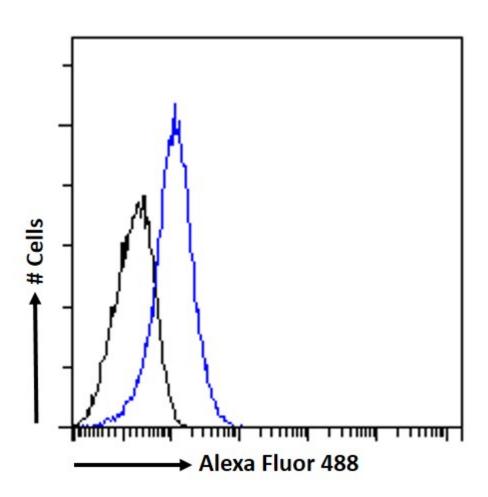
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Horse, Cow



EB08884 (3.8µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



EB08884 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.