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Research Use Only. Not for diagnostic or therapeutic use.

EB11197 - Goat Anti-HP alpha chain Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: binding peptide, BP, haptoglobin, haptoglobin alpha(1S)-beta, haptoglobin alpha(2FS)-beta, haptoglobin, alpha polypeptide, haptoglobin, beta

polypeptide, HP2ALPHA2, HPA1S, MGC111141, HP

Official Symbol: HP

Accession Number(s): NP_005134.1; NP_001119574.1; NP_001305067.1

Human GeneID(s): 3240

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005134.1; NP_001119574.1).

Immunogen

Peptide with sequence QCKNYYKLRTEGD, from the internal region of the protein sequence according to NP_005134.1; NP_001119574.1; NP_001305067.1.

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.

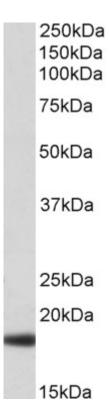
Western blot: Approx 18kDa band observed in Human Liver lysates and approx. 20kDa in preliminary testing of HepG2 cell lysate (calculated MW of 18kDa according to alpha chain cleaved from NP_005134.1). Recommended concentration: 0.01-0.03μg/ml. Primary incubation 1 hour at room temperature.

Flow Cytometry: Flow cytometric analysis of HepG2 cells. Recommended concentration: 10ug/ml.

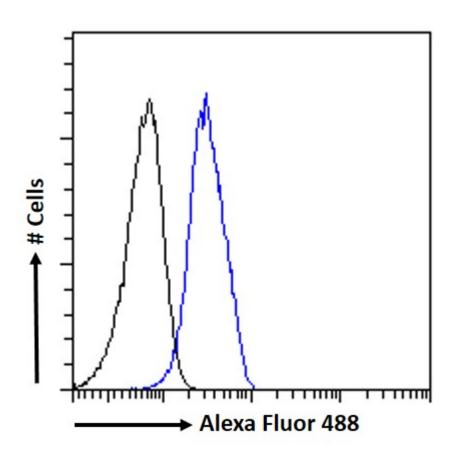
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB11197 (0.01µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB11197 Flow cytometric analysis of paraformaldehyde fixed HepG2 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.