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EB05111-T - Goat Anti-BLNK / SLP-65 Antibody -Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: BLNK, SLP-65, B-cell linker, BASH, BLNK-s, Ly57, MGC111051, SLP65, B cell linker protein, B-cell adapter containing a SH2 domain protein, B-cell adapter containing a Src homology 2 domain protein, OTTHUMP00000020167, Src homology 2 domain-containing leukocyte protein of 65 kDa, BLNK-S, LY57, OTTHUMP0000020168 Official Symbol: BLNK Accession Number(s): NP_037446.1; NP_001107566.1; NP_001245369.1; NP_001245370.1; NP_001245371.1 Human GeneID(s): 29760 Non-Human GeneID(s): 17060 (mouse) Important Comments: This antibody is expected to recognize all reported isoforms.

Immunogen

Peptide with sequence C-KDSTRLKYAVKVS, from the C Terminus of the protein sequence according to NP_037446.1; NP_001107566.1; NP_001245369.1; NP_001245370.1; NP_001245371.1.

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 70-75kDa band observed in lysates of cell line Daudi (calculated MW of 50.5kDa according to NP_037446.1). This molecular weight is routinely observed by other sources. Recommended concentration $0.3-1\mu g/ml$. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in the membranes of HepG2 cells. Recommended concentration: 10µg/ml.

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

Species Reactivity

Tested: Human Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB05111 (0.3µg/ml) staining of Daudi cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB05111 Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing

some membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB05111 Flow cytometric analysis of paraformaldehyde fixed Daudi 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.