

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## 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, OTTHUMP00000020168

**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 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

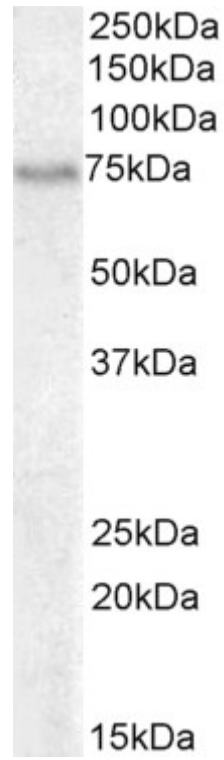
**Immunofluorescence:** Strong expression of the protein seen in the membranes of HepG2 cells. Recommended concentration: 10µg/ml.

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

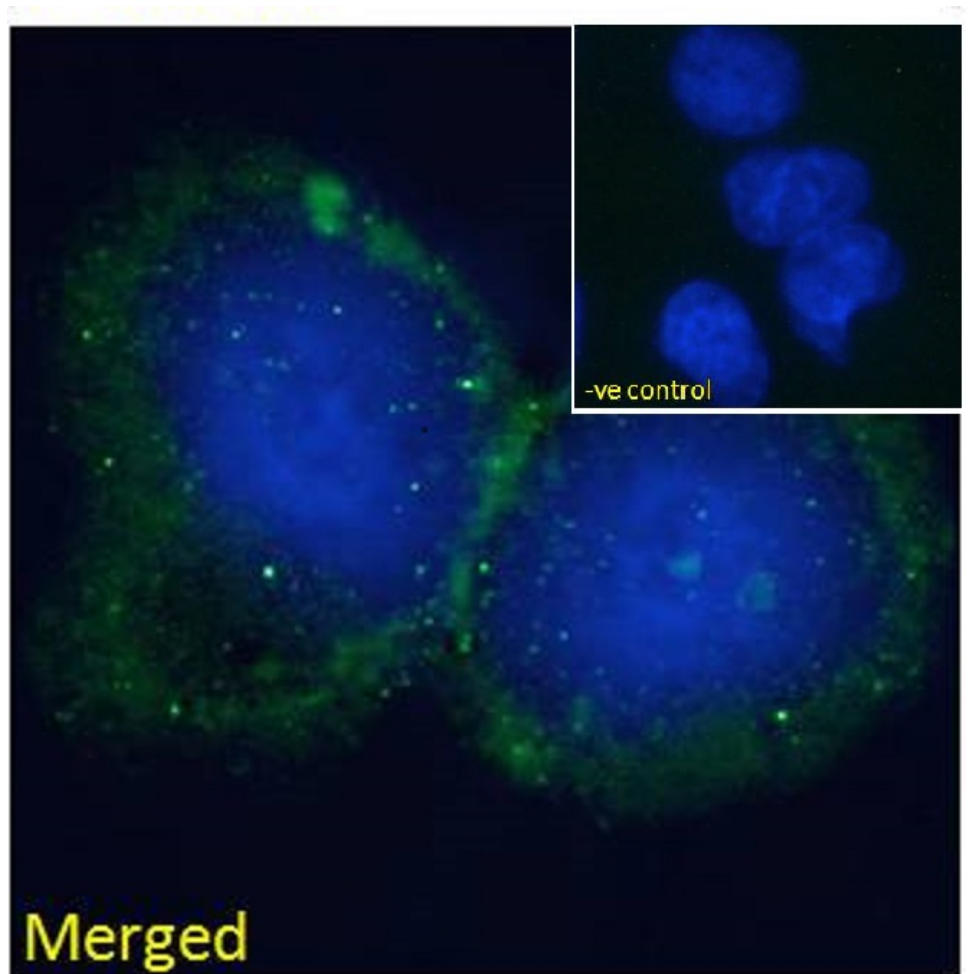
### Species Reactivity

**Tested:** Human

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

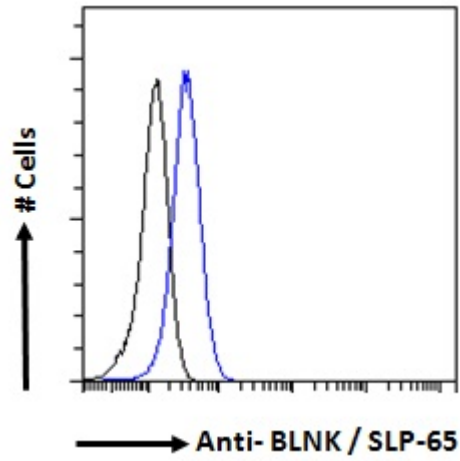


EB05111 (0.3 $\mu$ g/ml) staining of Daudi cell lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



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