

#### **International Office**

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# EB05111 - Goat Anti-BLNK / SLP-65 Antibody

Size: 100µg specific antibody in 200µl



### **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 GenelD(s): 29760

Non-Human GenelD(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.

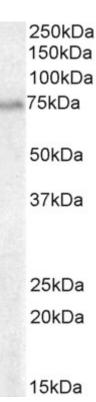
**Immunofluorescence:** Strong expression of the protein seen in the membranes of HepG2 cells. Recommended concentration: 10µg/ml.

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

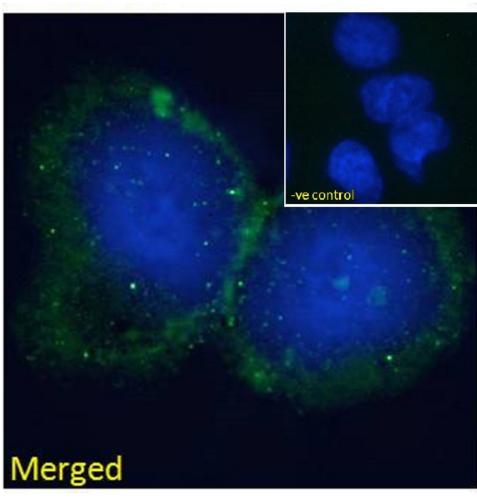
### **Species Reactivity**

Tested: Human

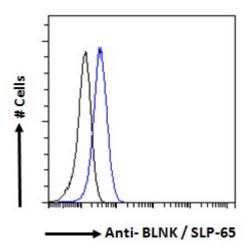
Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



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



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



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.