

## UK Office

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

## EB05158 - Goat Anti-BIF-1 / SH3GLB1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** SH3GLB1, Bif-1, SH3-domain GRB2-like endophilin B1, CGI-61, KIAA0491, endophilin B1, Bax-interacting factor 1, SH3-containing protein SH3GLB1, SH3-domain, GRB2-like, endophilin B1, SH3-containing protein SH3GLB1 CGI-61 protein endophilin B1, dJ612B15.2

**Official Symbol:** SH3GLB1

**Accession Number(s):** NP\_057093.1; NP\_001193580.1; NP\_001193581.1;  
NP\_001193582.1

**Human GeneID(s):** [51100](#)

**Non-Human GeneID(s):** 54673 (mouse)

### Immunogen

Peptide with sequence C-QKGKVPITYLELLN, from the C Terminus of the protein sequence according to NP\_057093.1; NP\_001193580.1; NP\_001193581.1; NP\_001193582.1.

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 40kDa band observed in lysates of cell lines HEK293 and NIH3T3, and approx. 38kDa in lysates of cell lines A431, RAW264.7 and KNRK (calculated MW of 40.8kDa according to Human NP\_057093.1, Mouse NP\_062337.1 and Rat NP\_001011929.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubated 1 hour at room temperature.

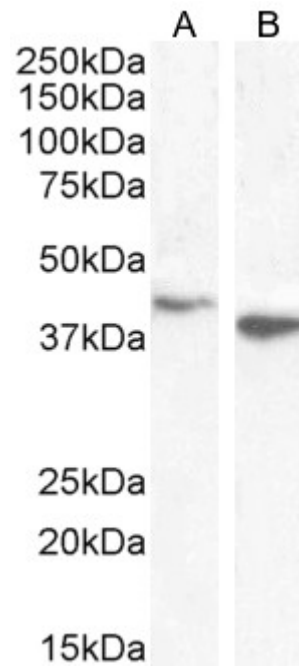
**IHC:** Paraffin embedded Human Colon. Recommended concentration: 2.5µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10µg/ml.

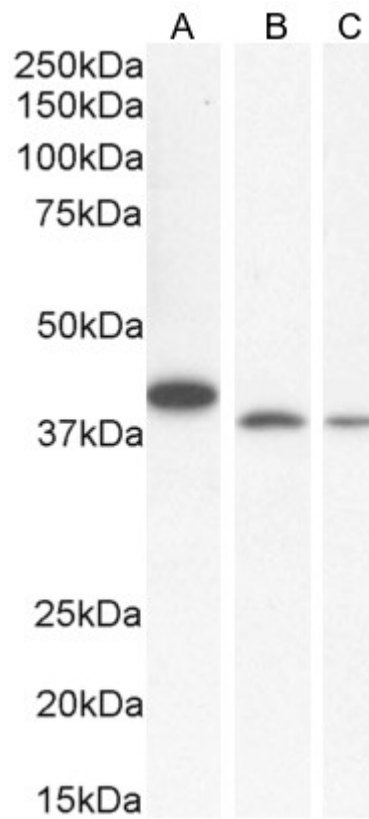
### Species Reactivity

**Tested:** Human, Mouse, Rat

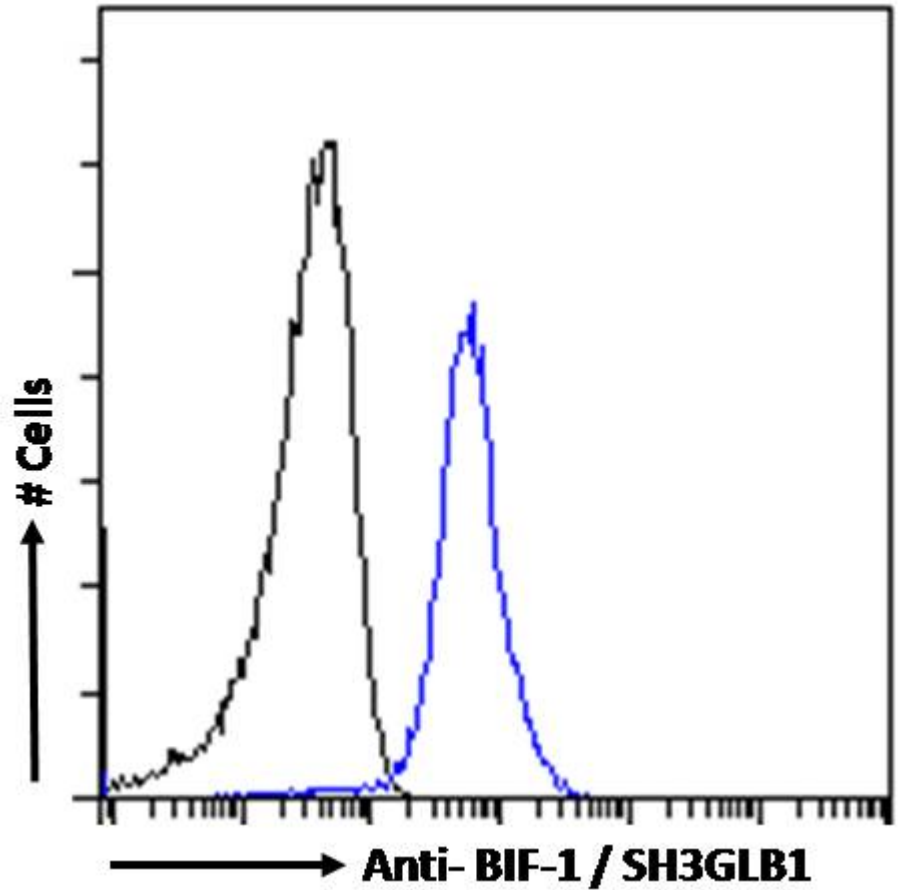
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow



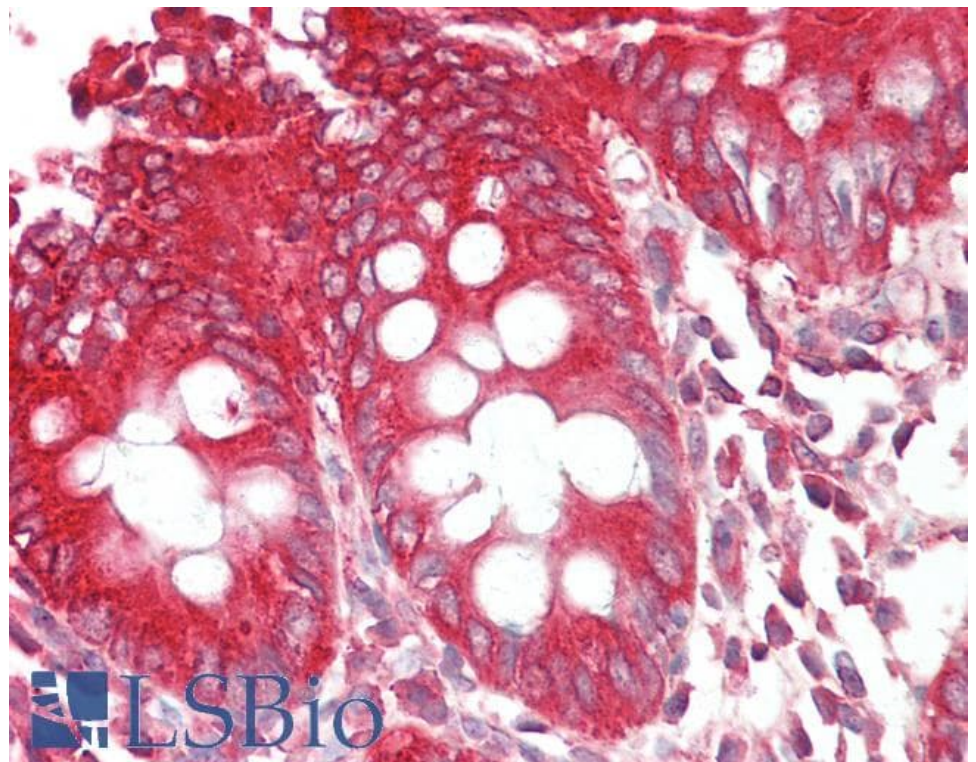
EB05158 staining (0.1µg/ml) of HEK293 (A) and A431 (B) cell lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.



EB05158 staining (0.1µg/ml) of NIH3T3 (A) , RAW264.7 (B) and KNRK (C) cell lysate (RIPA buffer, 35µg total protein per lane). Detected by chemiluminescence.



EB05158-P1 Flow cytometric analysis of paraformaldehyde fixed A431 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.



EB05158 (2.5µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.