

## International Office

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

## EB05006 - Goat Anti-BCL7A Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BCL7A, BCL7, B-cell CLL/lymphoma 7A, B-cell CLL/lymphoma-7

**Official Symbol:** BCL7A

**Accession Number(s):** NP\_066273.1; NP\_001019979.1

**Human GeneID(s):** [605](#)

**Non-Human GeneID(s):** 77045 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_066273.1; NP\_001019979.1).

### Immunogen

Peptide with sequence C-MKLEASQQNSEEM, from the C Terminus of the protein sequence according to NP\_066273.1; NP\_001019979.1.

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 1:4000.

**Western blot:** Approx 26kDa band observed in Human Lymph Node lysates (calculated MW of 25.0kDa according to NP\_066273.1). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.

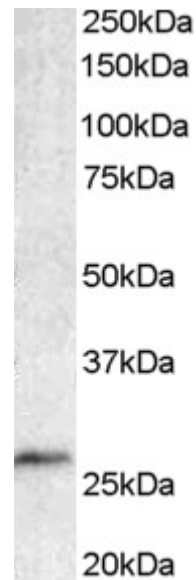
**Immunofluorescence:** Strong expression of the protein seen in the nuclei of U2OS cells. Recommended concentration: 10µg/ml.

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

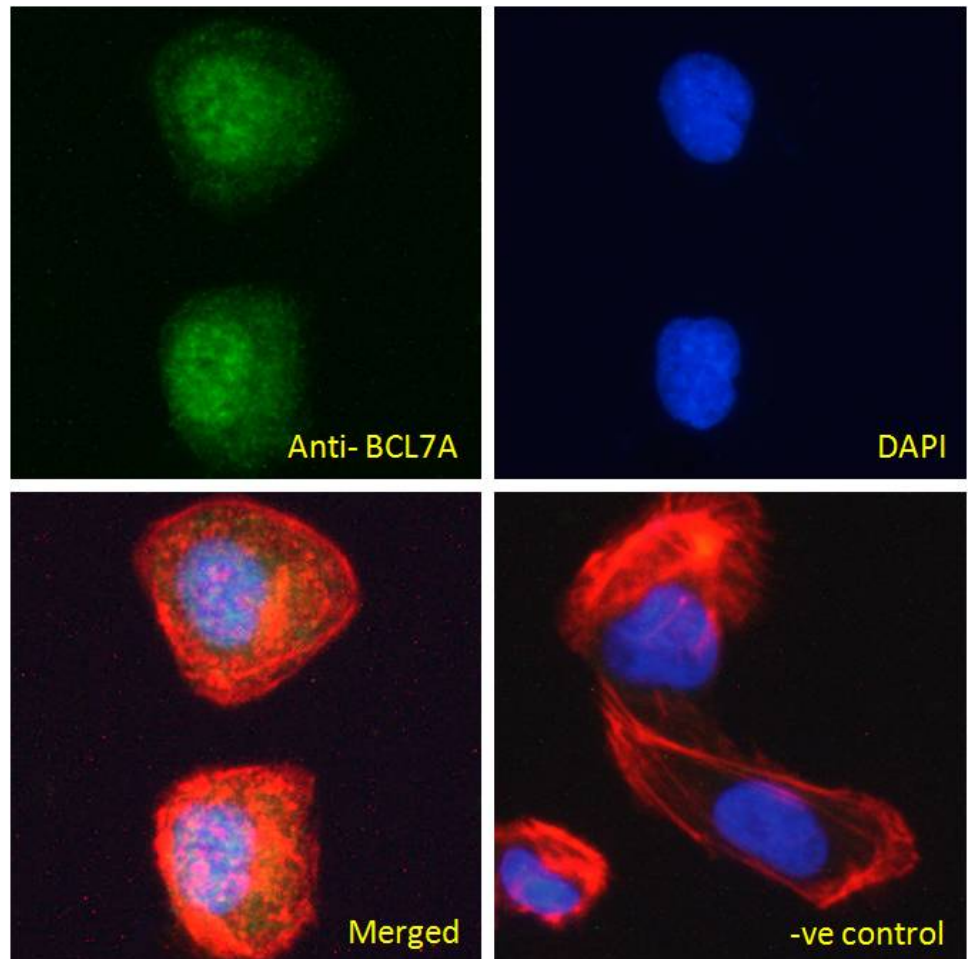
### Species Reactivity

**Tested:** Human

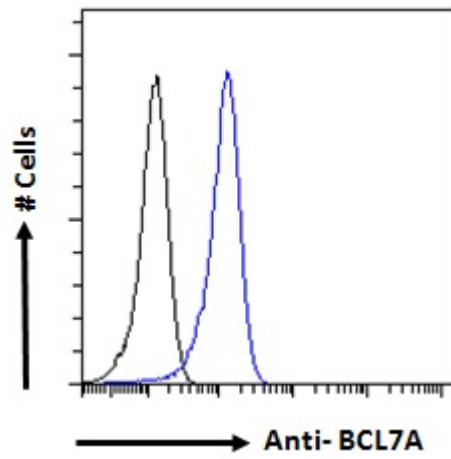
**Expected from sequence similarity:** Human, Mouse, Rat, Dog, Cow, Pig



EB05006 staining (1 $\mu$ g/ml) of Human Lymph Node lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.



EB05006 Immunofluorescence analysis of paraformaldehyde fixed U2OS 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 nuclear staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 $\mu$ g/ml) followed by Alexa Fluor 488 secondary antibody (2 $\mu$ g/ml).



EB05006 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.