



## International Office

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

## EB07014 - Goat Anti-BMYB / MYBL2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** MYBL2, BMYB, v-myb myeloblastosis viral oncogene homolog (avian)-like 2, HGNC:7548, MGC15600, MYB-related protein B, v-myb avian myeloblastosis viral oncogene homolog-like 2, B-MYB

**Official Symbol:** MYBL2

**Accession Number(s):** NP\_002457.1; NP\_001265539.1

**Human GeneID(s):** [4605](#)

**Non-Human GeneID(s):** 17865 (mouse), 296344 (rat)

### Immunogen

Peptide with sequence C-QEKARQLLGRLKPSH, from the C Terminus of the protein sequence according to NP\_002457.1; NP\_001265539.1.

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:** EB07014 optimised QC. Primary incubation 1 hour at room temperature.

Image A: Human Spleen lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.

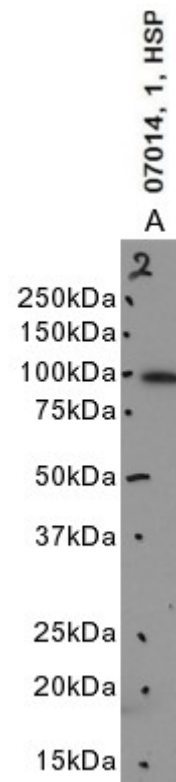
**Immunofluorescence:** Strong expression of the protein seen in the nuclei and cytoplasm of A431 and U2OS cells. Recommended concentration: 10µg/ml.

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

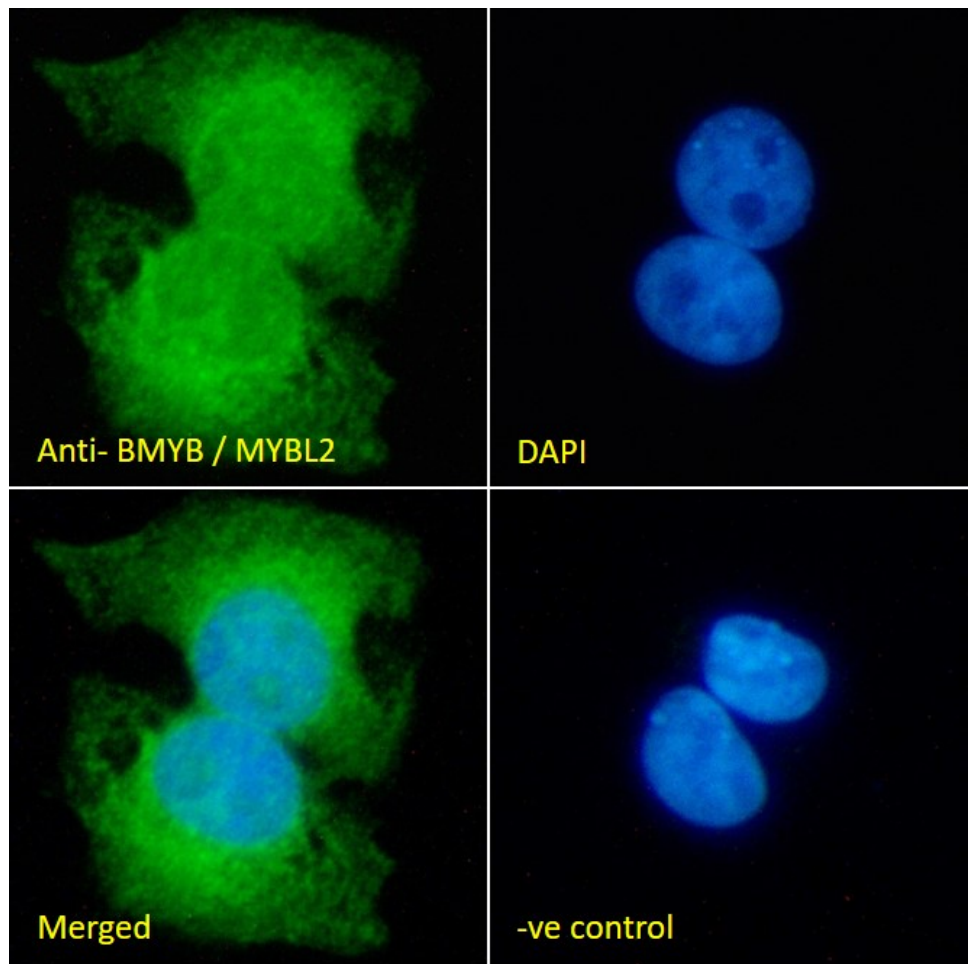
### Species Reactivity

**Tested:** Human

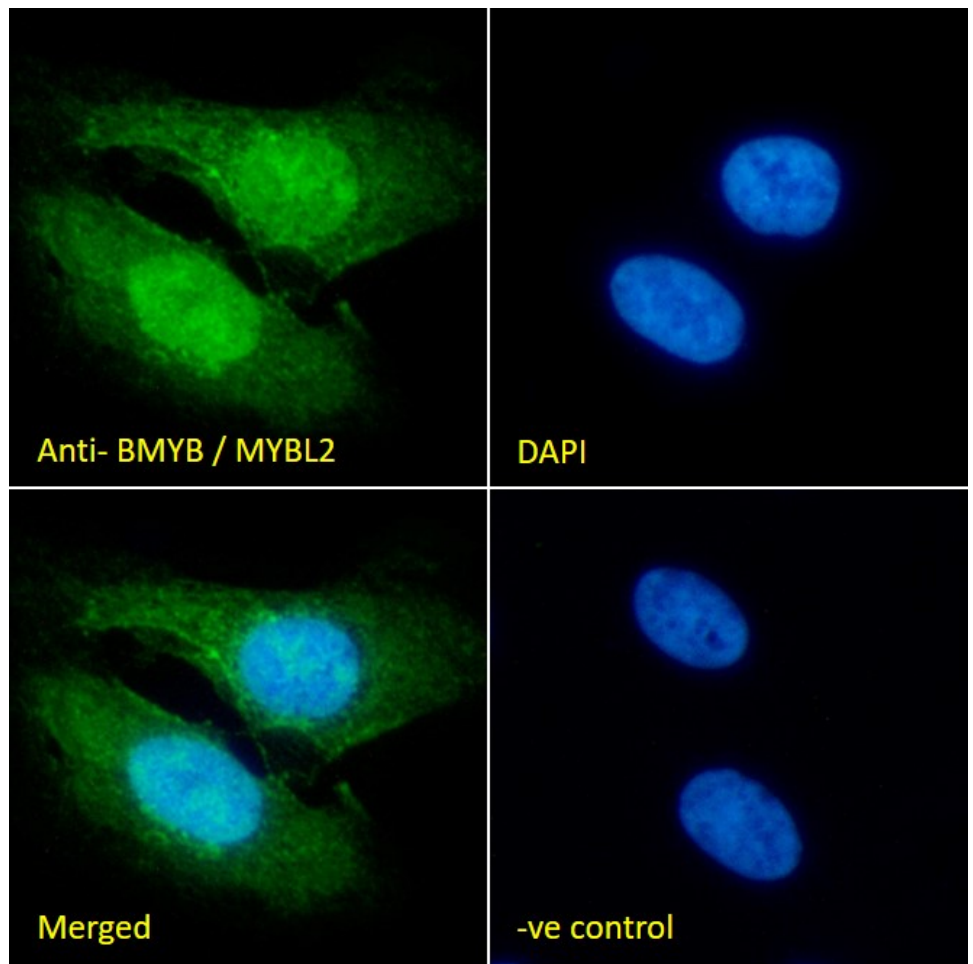
**Expected from sequence similarity:** Human, Cow



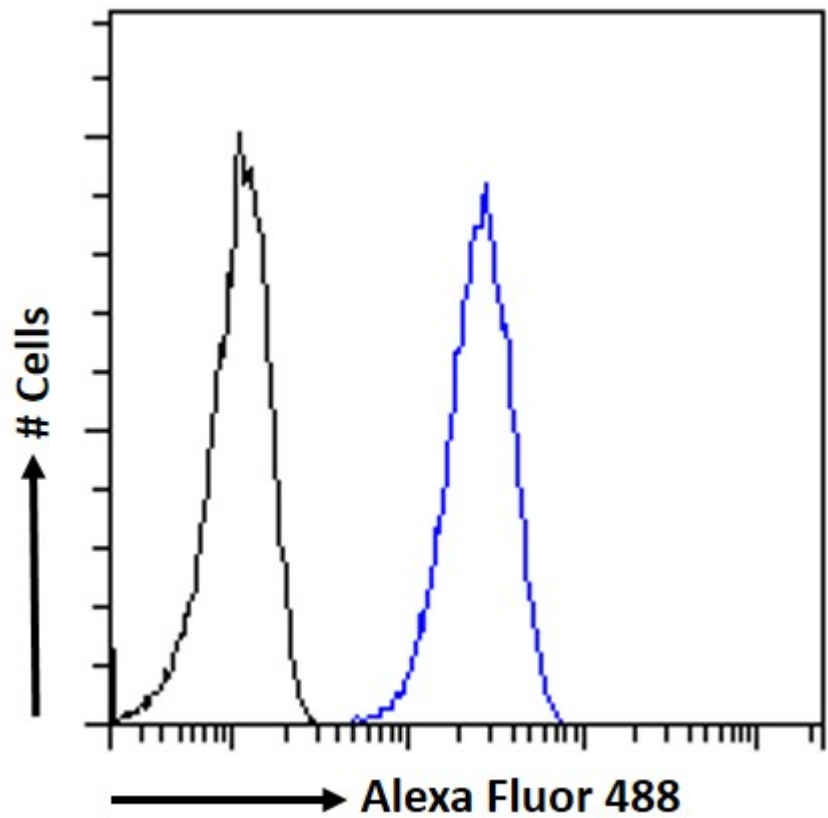
EB07014 optimised QC. Primary incubation 1 hour at room temperature.  
 Image A: Human Spleen lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



EB07014 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07014 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



EB07014 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.