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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

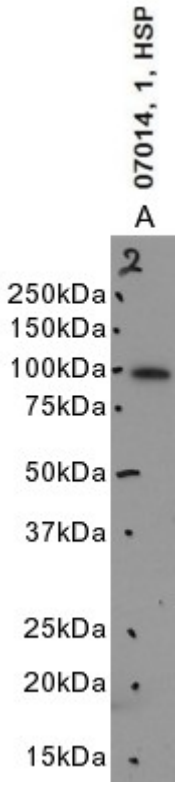
Peptide ELISA: antibody detection limit dilution 1:32000.
Western blot: EB07014 optimised QC. Primary incubation 1 hour at room temperature. Image A: Human Spleen lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.

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.

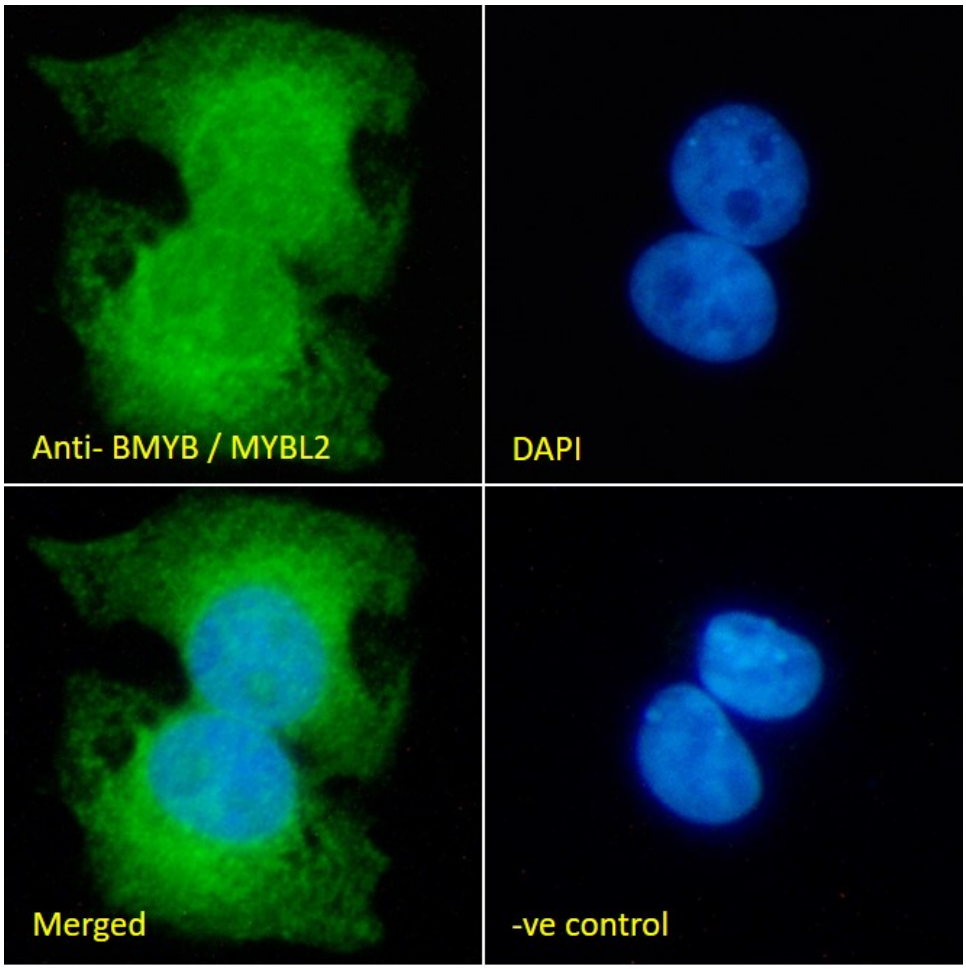
Species Reactivity

Tested: Human
Expected from sequence similarity: Human, Cow

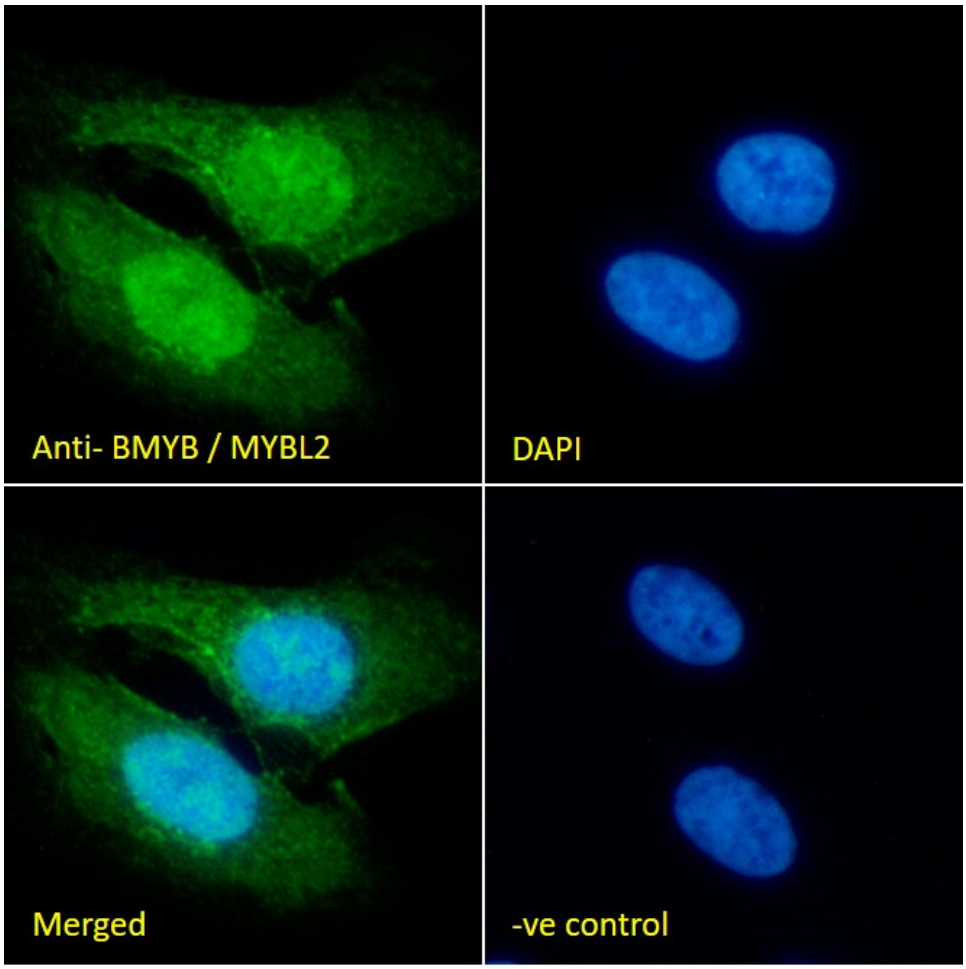


EB07014 optimised QC. Primary incubation 1 hour at room temperature.

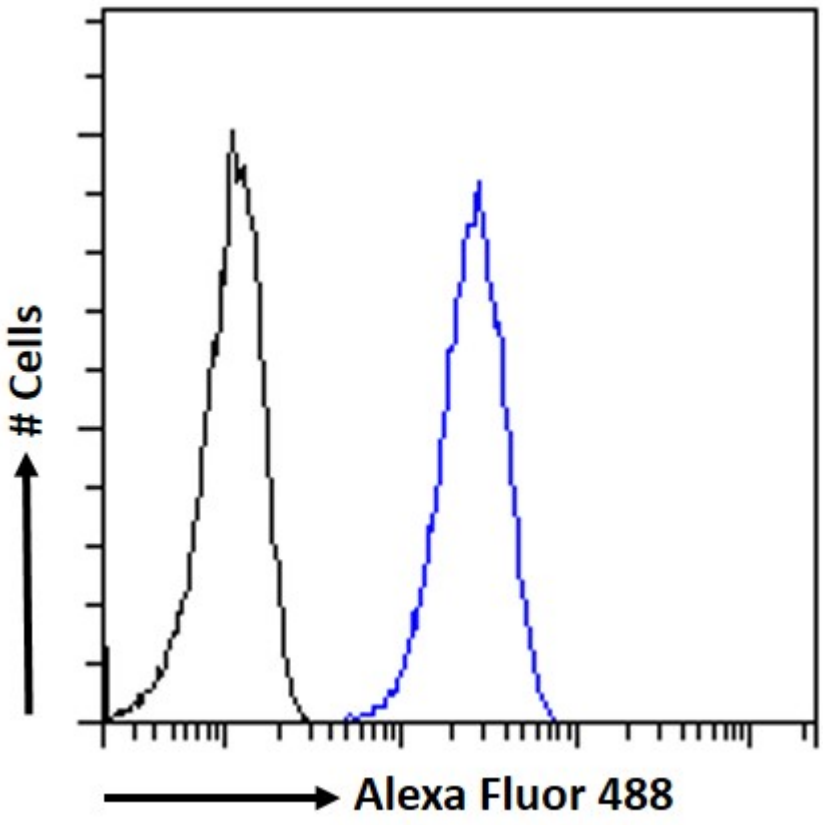
Image A: Human Spleen lysate at primary Ab concentration 1ug/ml. (Loaded 35µg protein in RIPA buffer, per lane). Detected by chemiluminescence.



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.