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EB08237 - Goat Anti-EBPL41L5 Antibody

Size: 100µg specific antibody in 200µl

Target Protein

Principal Names: EPB41L5, erythrocyte membrane protein band 4.1 like 5, BE37, FLJ12957, KIAA1548
Official Symbol: EPB41L5
Accession Number(s): NP_065960.2; NP_001171866.1; NP_001171868.1; NP_001317239.1
Human GeneID(s): 57669

Immunogen

Peptide with sequence C-ENLPQSPGTDQHD, from the internal region of the protein sequence according to NP_065960.2; NP_001171866.1; NP_001171868.1; NP_001317239.1.

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

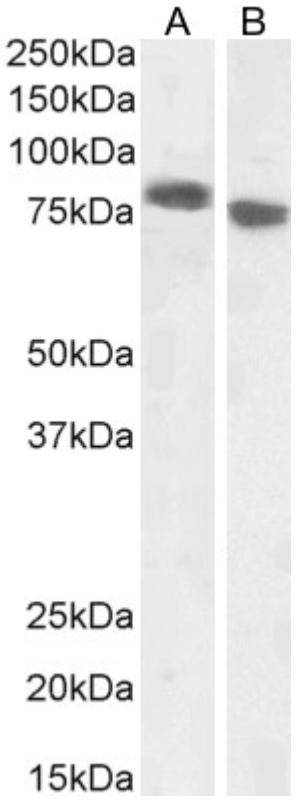
Peptide ELISA: antibody detection limit dilution 1:8000.
Western blot: Approx. 80kDa band observed in lysates of cell line A431 and approx. 75kDa in lysates of cell line MCF7 (calculated MW of 81.9kDa according to NP_065960.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

Immunofluorescence: Strong expression of the protein seen in U2OS and A549 cells. Recommended concentration: 10µg/ml.

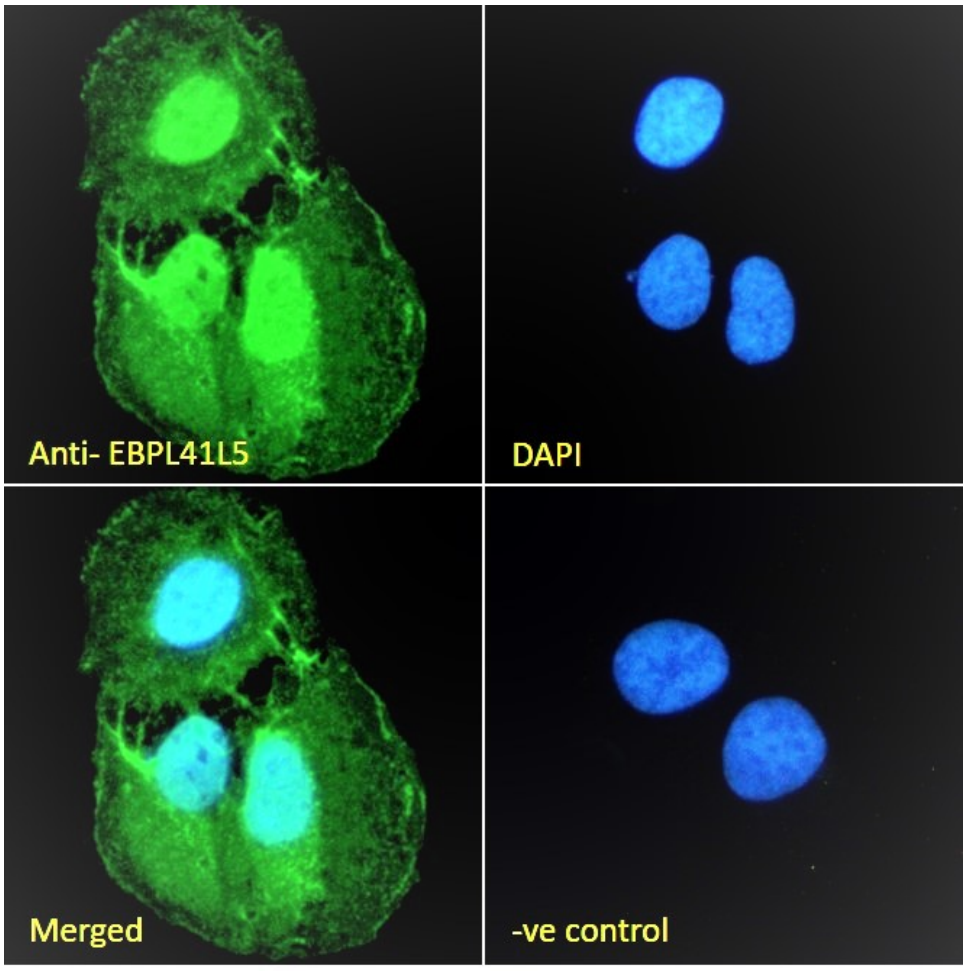
Flow Cytometry: Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

Species Reactivity

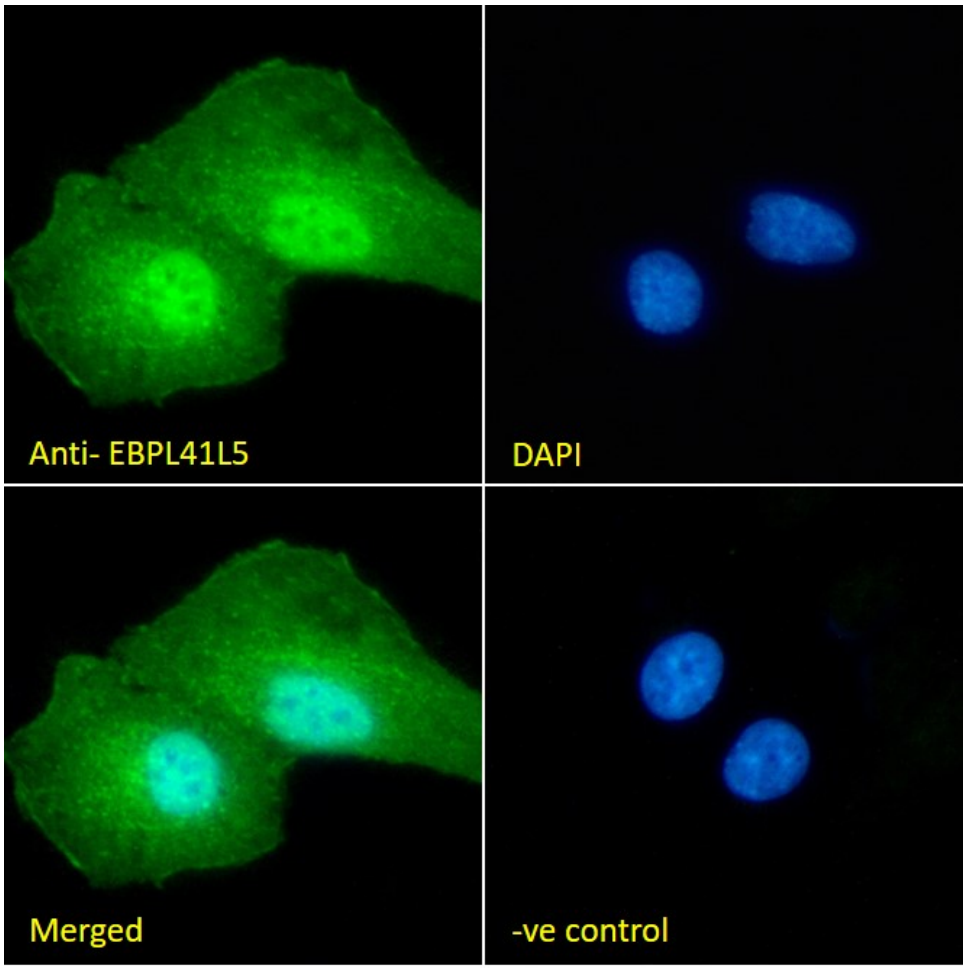
Tested: Human
Expected from sequence similarity: Human



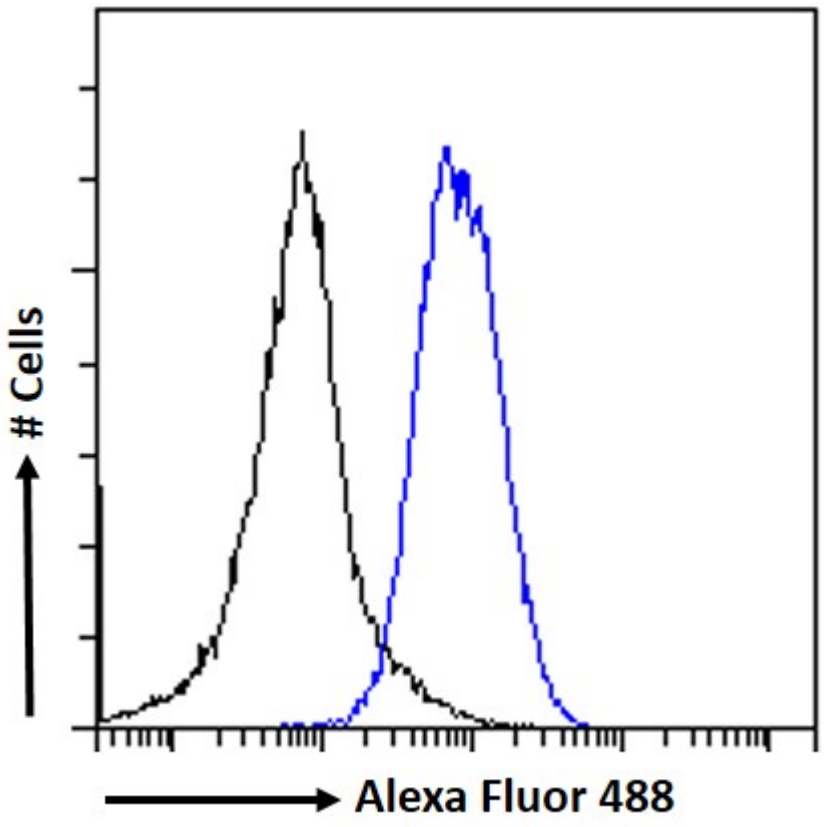
EB08237 (1µg/ml) staining of A431 (A) and (0.3ug/ml) MCF7 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



EB08237 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, plasma membrane 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).



EB08237 Immunofluorescence analysis of paraformaldehyde fixed A549 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).



EB08237 Flow cytometric analysis of paraformaldehyde fixed A549 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.