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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

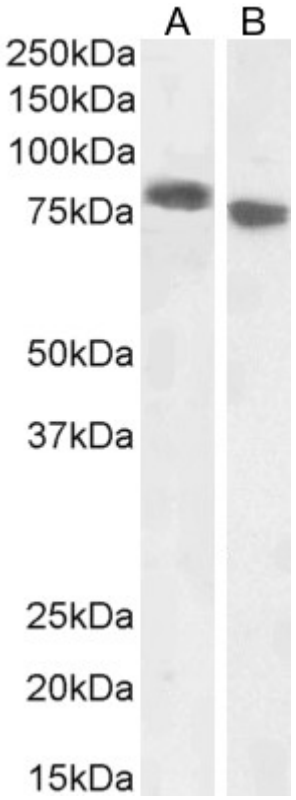
**Peptide ELISA:** antibody detection limit dilution 1:8000.
**Western blot:** Approx. 80kDa band observed in lysates of cell line A431 and approx. 75kDa in lysates of cell line MCF7 (calculated MW of 81.9kDa according to NP_065960.2). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour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

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

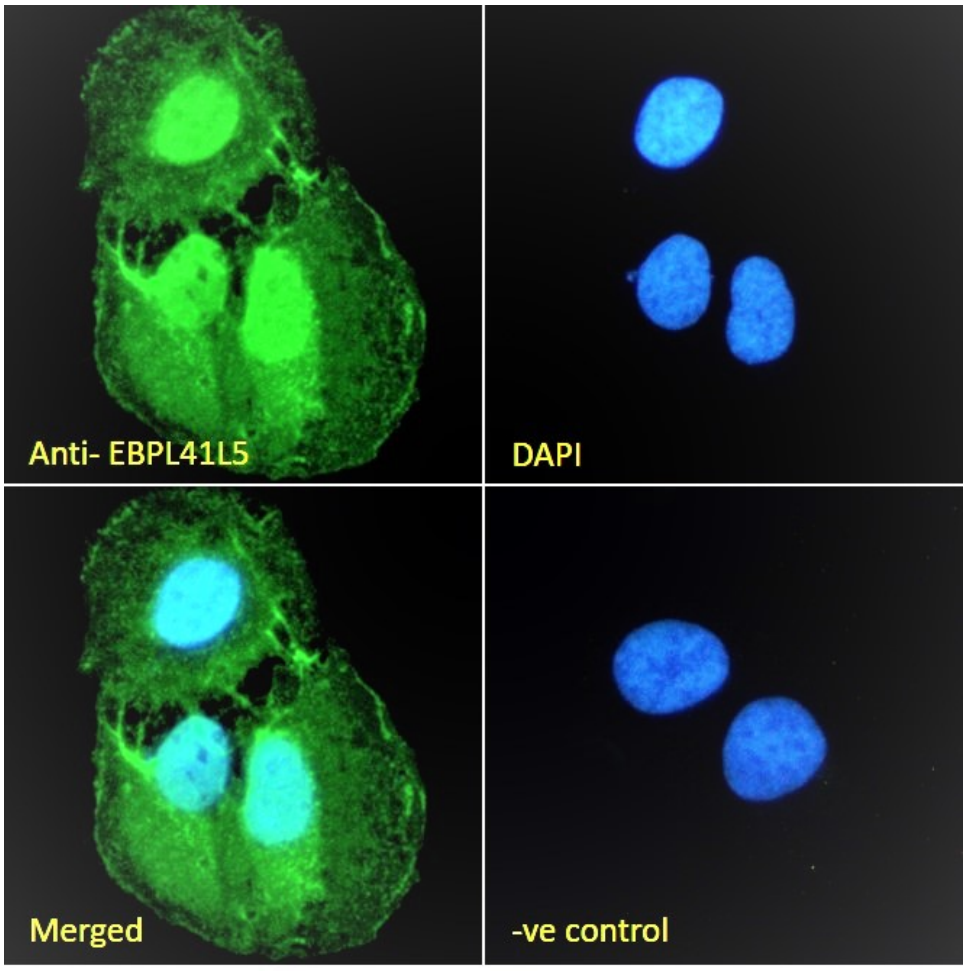
**Flow Cytometry:** Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.

## Species Reactivity

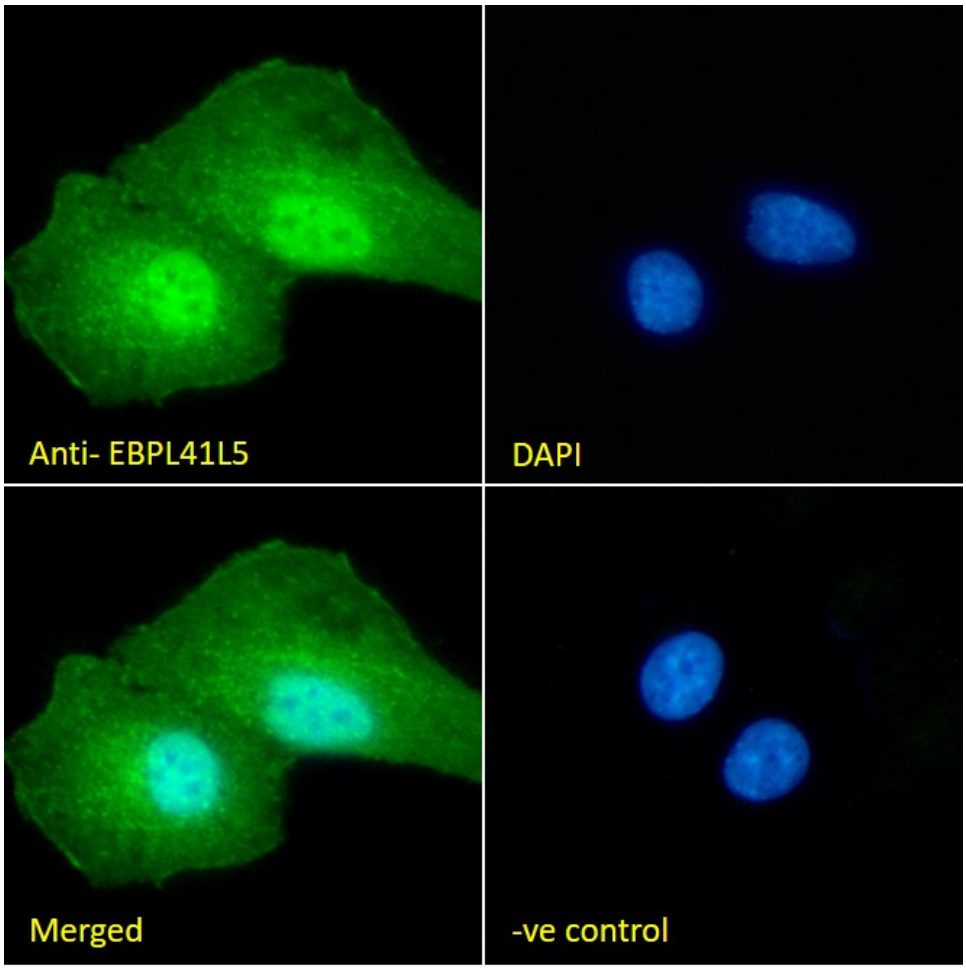
**Tested:** Human
**Expected from sequence similarity:** Human



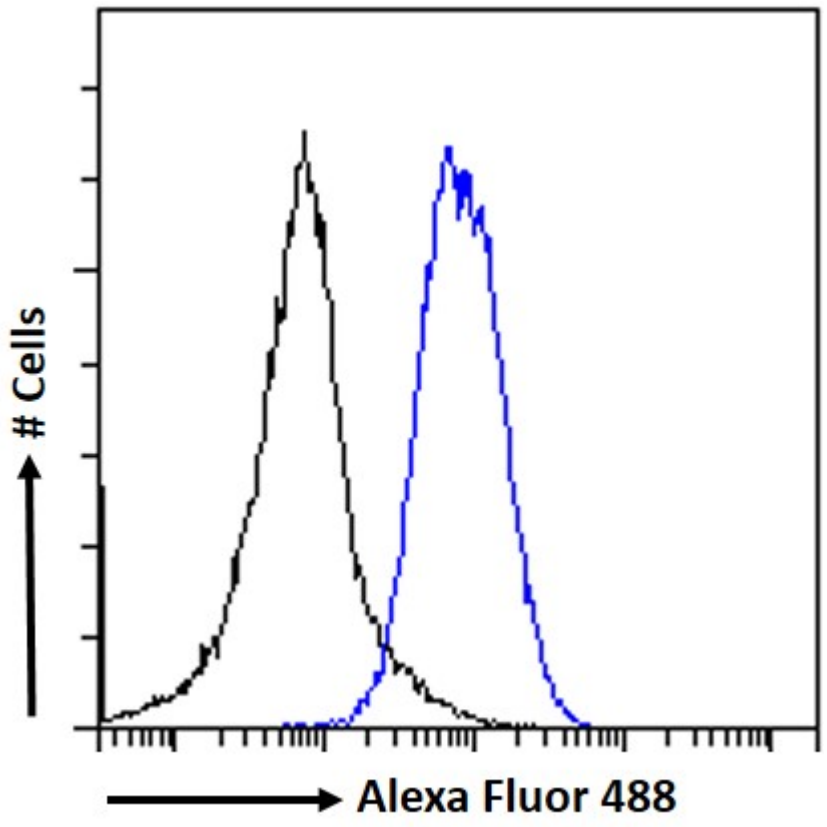

EB08237 (1µg/ml) staining of A431 (A) and (0.3ug/ml) MCF7 (B) cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



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.