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Research Use Only. Not for diagnostic or therapeutic use.

EB05545 - Goat Anti-ARL2 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: ARL2, ADP-ribosylation factor-like 2, ARFL2, ADP=ribosylation

factor-like 2

Official Symbol: ARL2

Accession Number(s): NP_001658.2

Human GeneID(s): 402

Immunogen

Peptide with sequence C-LDDISSRIFTAD, from the C Terminus of the protein sequence according to NP_001658.2.

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 1:64000.

Western blot: Approx. 18kDa band observed in lysates of cell line A431 and approx. 20kDa in nuclear lysates of cell line HeLa (calculated MW of 20.9kDa according to NP_001658.2). Recommended concentration: 0.5-1µg/ml.Primary incubation 1 hour at room temperature.

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

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

Species Reactivity

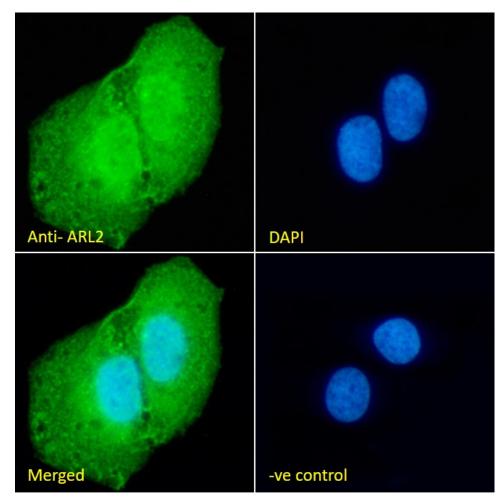
Tested: Human

Expected from sequence similarity: Human, Dog

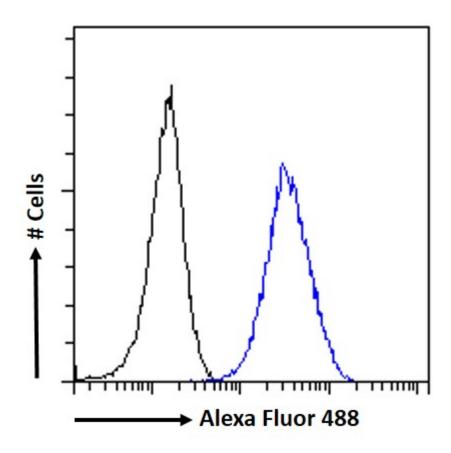


EB05545 (0.5μg/ml) staining of A431 (A) and (1ug/ml) HeLa nuclear (B) cell lysate (30ug protein in RIPA buffer).

Detected by chemiluminescence.



EB05545 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).



EB05545 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.