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Research Use Only. Not for diagnostic or therapeutic use.

EB06981 - Goat Anti-BRSK2 / STK29 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BRSK2, SAD1, STK29, PEN11B, C11orf7, BR serine/threonine kinase 2, serine/threonine kinase 29, homolog of SAD-1 (C. elegans), chromosome 11 open reading frame 7, chromosome 11 open reading frame 7, FLJ41362, protein kinase SAD1B, serine/threonine kinase SAD-A

Official Symbol: BRSK2

Accession Number(s): NP_003948.2; NP_001243556.1; NP_001243558.1;

NP_001243559.1; NP_001269147.1

Human GenelD(s): 9024

Non-Human GenelD(s): 75770 (mouse), 293631 (rat)

Immunogen

Peptide with sequence CPEVIRGEKYDGRKAD, from the internal region of the protein sequence according to NP_003948.2; NP_001243556.1; NP_001243558.1; NP_001243559.1; NP_001269147.1.

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.

Immunofluorescence: Strong expression of the protein seen in the ER/Golgi and

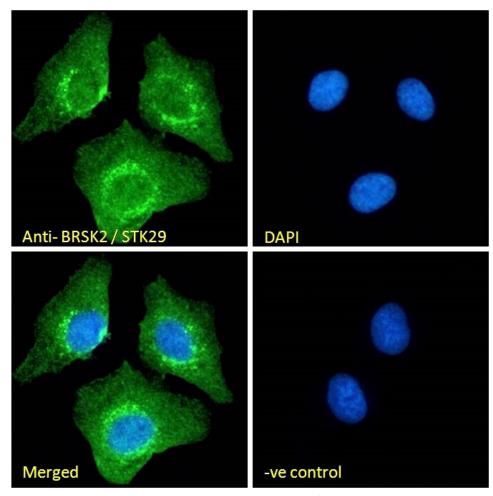
cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of U2OS cells. Recommended concentration: 10ug/ml.

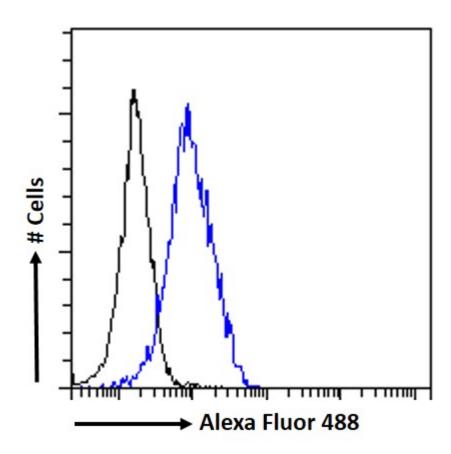
Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Cow



EB06981 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 ER/Golgi 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).



EB06981 Flow cytometric analysis of paraformaldehyde fixed U2OS 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.