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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 GeneID(s): [9024](#)

Non-Human GeneID(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.

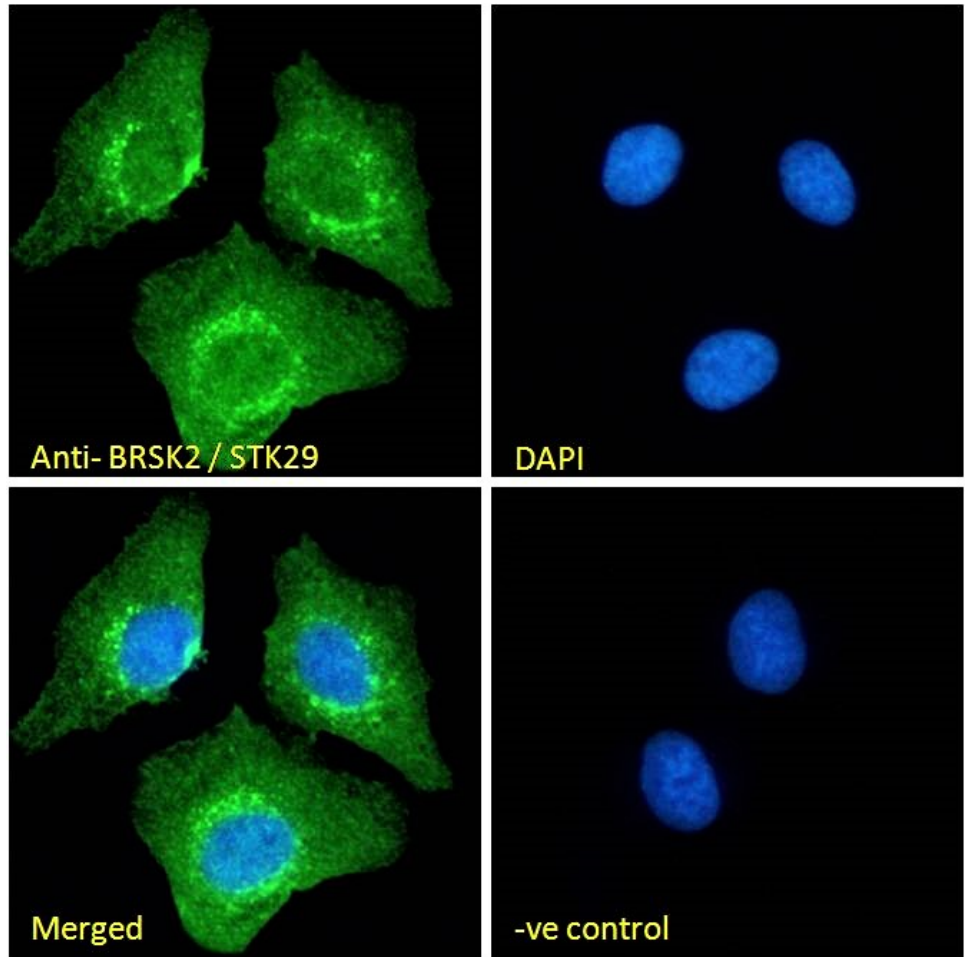
Immunofluorescence: Strong expression of the protein seen in the ER/Golgi and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

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

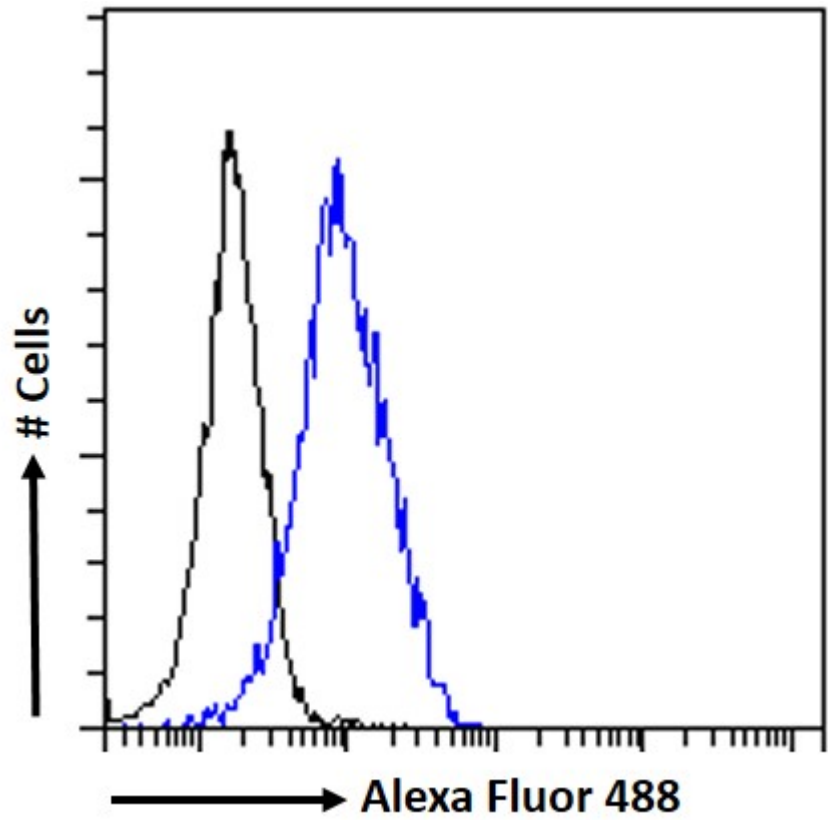
Species Reactivity

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.