

## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

[www.everestbiotech.com](http://www.everestbiotech.com)

**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.