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**Research Use Only. Not for
diagnostic or therapeutic use.**

EB06368 - Goat Anti-RGS14 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: RGS14, regulator of G-protein signalling 14, regulation of G protein signaling 14

Official Symbol: RGS14

Accession Number(s): NP_006471.2; NP_001353546.1

Human GeneID(s): [10636](#)

Immunogen

Peptide with sequence C-IGGSLNSTTDSAL, from the C Terminus of the protein sequence according to NP_006471.2; NP_001353546.1.

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 1:16000.

Western blot: Preliminary testing showed a band at approx. 70kDa in Daudi and THP-1 cell lysate after 1-3ug/ml antibody staining. (calculated MW of 61.4kDa according to NP_006471.2). This molecular weight is observed by other sources. Primary incubation 1 hour at room temperature.

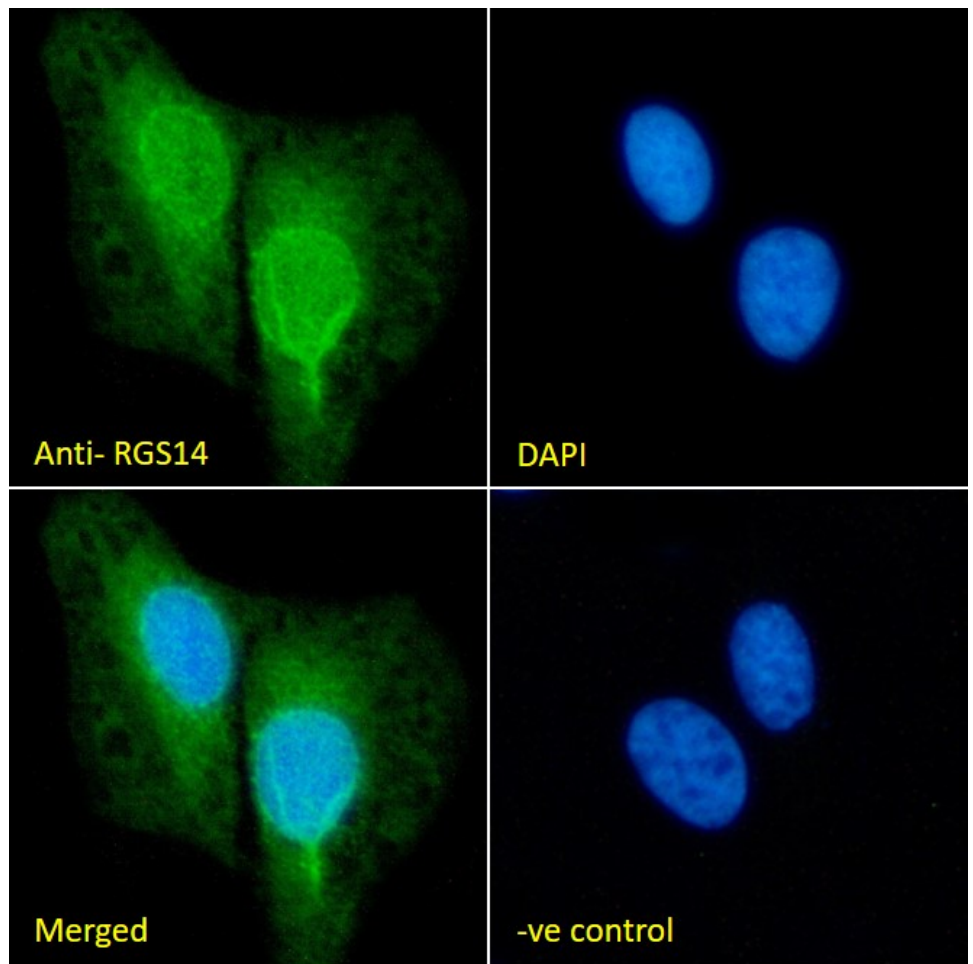
Immunofluorescence: Strong expression of the protein seen in the nuclei and cytoplasm of U2OS cells. Recommended concentration: 10µg/ml.

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

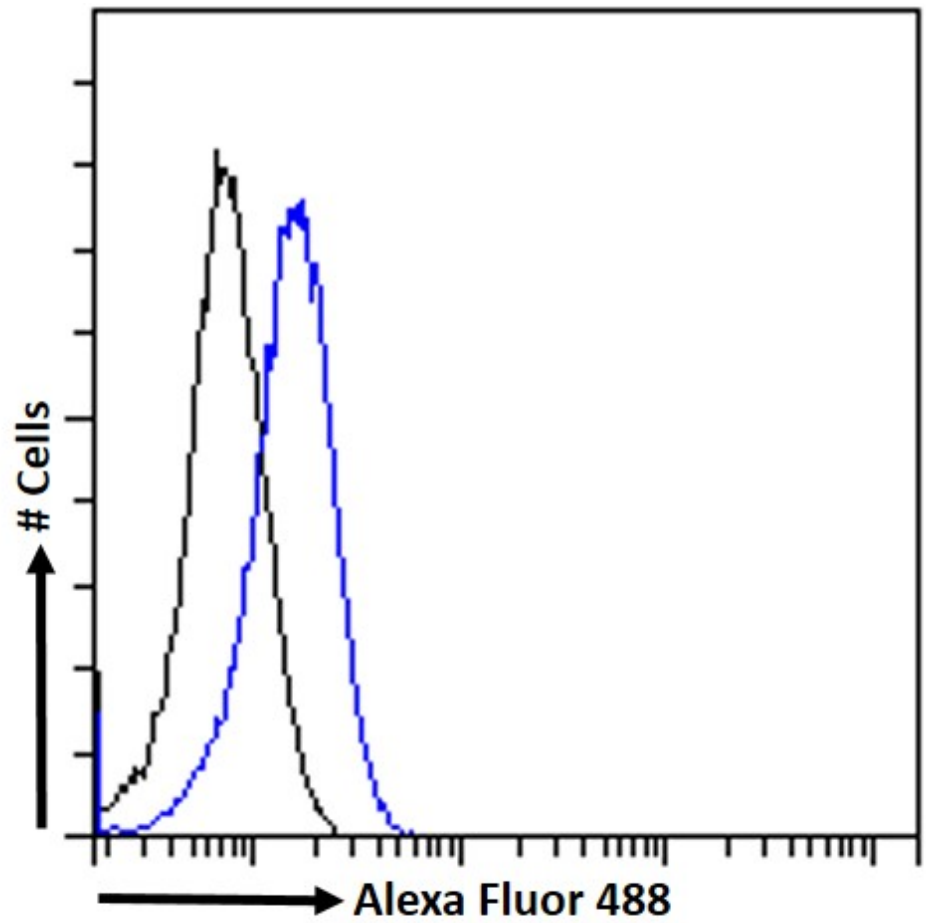
Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB06368 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).



EB06368 Flow cytometric analysis of paraformaldehyde fixed HeLa 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.