



## International Office

### Everest Biotech Ltd

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

## EB05422 - Goat Anti-RGS5 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** RGS5, regulator of G-protein signalling 5, Regulator of G protein signaling-5, RP11-430G6.2, MST092, MST106, MST129, MSTP032, MSTP092, MSTP106, MSTP129

**Official Symbol:** RGS5

**Accession Number(s):** NP\_003608.1

**Human GeneID(s):** [8490](#)

**Important Comments:** This antibody is expected to recognise isoform 1 (NP\_003608.1) only.

### Immunogen

Peptide with sequence KGLAALPHSCLER, from the N Terminus of the protein sequence according to NP\_003608.1.

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 1:32000.

**Western blot:** Western blot: Approx 40kDa band seen in Human Lung lysate.

Recommended for use at 1-3µg/ml. Please note that we cannot find any reference indicating what size RGS5 runs on SDS PAGE; we also cannot find any obvious reason for it to run at 40kDa. Do you know of anyone who has made an antibody and found it running at the expected weight - it would be very useful for us to know for the purpose of further testing.

### Species Reactivity

**Tested:** Human

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