

## UK Office

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

## EB10541 - Goat Anti-GPR183 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GPR183, G protein-coupled receptor 183, EBI2, EBV-induced G-protein coupled receptor 2, Epstein-Barr virus induced gene 2 (lymphocyte-specific G protein-coupled receptor), G-protein coupled receptor 183, epstein-Barr virus-induced G-protein coupled receptor 2

**Official Symbol:** GPR183

**Accession Number(s):** NP\_004942.1

**Human GeneID(s):** [1880](#)

**Non-Human GeneID(s):** 321019 (mouse), 679975 (rat)

### Immunogen

Peptide with sequence C-NKIKRIEHAK, from the internal region of the protein sequence according to NP\_004942.1.

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.

**Immunofluorescence:** Strong expression of the protein seen in A431 and U2OS cells. Recommended concentration: 10µg/ml.

**Flow Cytometry:** Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB10541 Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane, cytoplasmic, and nuclear membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB10541 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 membrane and vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

EB10107 Flow cytometric analysis of paraformaldehyde fixed A431 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.