UK Office

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

Enquiries:
info@everestbiotech.com
Sales:
sales@everestbiotech.com
Tech support:
support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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.
Western blot: Preliminary experiments gave an approx 60kDa band in lysates of cell line Daudi after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 41.2kDa according to NP_004942.1. The 60kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

Species Reactivity

Tested:
Expected from sequence similarity: Human, Mouse, Rat, Cow