

## 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.**

## EB11412 - Goat Anti-Ptgds (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** glutathione-independent PGD synthase, glutathione-independent PGD synthetase, lipocalin-type prostaglandin-D synthase, L-PGDS, PGD2, PGD2 synthase, PGDS, PGDS2, prostaglandin D2 synthase (21 kDa, brain), prostaglandin D2 synthase (brain), prostaglandin-D2 synthase, prostaglandin-H2 D-isomerase, Ptgds3, RP23-47P18.11-006, 21kDa, Ptgds

**Official Symbol:** Ptgds

**Accession Number(s):** NP\_032989.2

**Non-Human GeneID(s):** 19215 (mouse)

### Immunogen

Peptide with sequence C-YSRTQTLKDELKEK, from the internal region of the protein sequence according to NP\_032989.2.

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.

**Western blot:** Approx 26kDa band observed in Mouse Brain and Mouse fetal Brain lysates (calculated MW of 21.1kDa according to NP\_032989.2). This molecular weight is routinely observed by other sources. Recommended concentration: 0.1-0.3µg/ml.

### Species Reactivity

**Tested:** Mouse

**Expected from sequence similarity:** Mouse



EB11412 (0.1 $\mu$ g/ml) staining of Mouse fetal Brain lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.