



## 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.**

## EB12605 - Goat Anti-Pecam1 / CD31 (mouse) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** Pecam1, platelet/endothelial cell adhesion molecule 1, C85791, Cd31, PECAM-1, Pecam, PECAM-1/CD31, platelet endothelial cell adhesion molecule

**Official Symbol:** Pecam1

**Accession Number(s):** NP\_032842.2; NP\_001027550.1

**Non-Human GeneID(s):** 18613 (mouse)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_032842.2; NP\_001027550.1).

### Immunogen

Peptide with sequence C-EKTTIEYEVKVVH, from the internal region of the protein sequence according to NP\_032842.2; NP\_001027550.1.

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 1:128000.

**Western blot:** Approx 80-85kDa band observed in Mouse and Rat Spleen lysates (calculated MW of 80kDa according to Mouse NP\_032842.2 and 76.2kDa according to Rat NP\_113779.1). Recommended concentration: 0.3-1µg/ml. Primary incubation 1 hour at room temperature.

### Species Reactivity

**Tested:** Mouse, Rat

**Expected from sequence similarity:** Mouse



EB12605 (0.5 $\mu$ g/ml) staining of Mouse (A) and Rat (B) Spleen lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.