

#### **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

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-EKTTIEYEVKVH, 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**

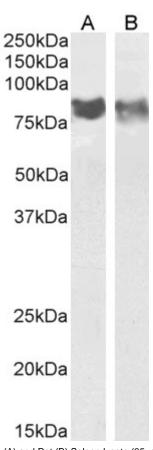
Peptide ELISA: antibody detection limit dilution 1:128000.

**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 (0.5μg/ml) staining of Mouse (A) and Rat (B) Spleen lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.