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