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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 GenelD(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

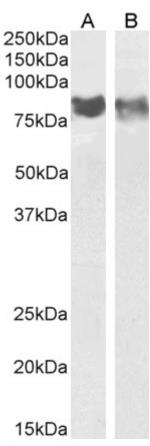
Peptide ELISA: antibody detection limit dilution 1:128000.

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.