

Goat anti-ICAM1 Antibody

Item Number	dAP-2730
Target Molecule	Principle Name: ICAM1; Official Symbol: ICAM1; All Names and Symbols: ICAM1; intercellular adhesion molecule 1; BB2; CD54; P3.58; ICAM-1; cell surface glycoprotein P3.58; human rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor; major group rhinovirus receptor; Accession Number (s): NP_000192.2; Human Gene ID(s): 3383; Non-Human GenelD(s):
Immunogen	SNCPDGQSTAKT, is from internal region The immunizing peptide represents part of the extracellular domain, and it does not overlap any known glycosite.
Applications	Pep ELISA, WB Species Tested: Human, Mouse
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	Western Blot: Approx 100kDa band observed in lysates of cell lines Daudi, HeLa and NIH3T3 (calculated MW of 57.8kDa according to Human NP_000192.2 and 58.8kDa according to Mouse NP_034623.1). The observed molecular weight corresponds to earlier findings
IHC	
Reference	Reference(s): Fu C, Tong C, Wang M, Gao Y, Zhang Y, Lü S, Liang S, Dong C, Long M. Determining beta2-integrin and intercellular adhesion molecule 1 binding kinetics in tumor cell adhesion to leukocytes and endothelial cells by a gas-driven micropipette assay. J Biol Chem. 2011 Oct 7;286(40):34777-87.. PMID: 21860320

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**