

## Goat anti-ICAM1 Antibody

<b>Item Number</b>	dAP-2730
<b>Target Molecule</b>	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 GeneID(s):
<b>Immunogen</b>	SNCPDGGSTAKT, is from internal region The immunizing peptide represents part of the extracellular domain, and it does not overlap any known glycosite.
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human, Mouse
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 1000.
<b>Western Blot</b>	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
<b>IHC</b>	
<b>Reference</b>	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:

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 ender users! This product is sold for **Research Use Only**