

Mouse Monoclonal Antibody to ICAM1

Catalogue Number	sAP-0383
Target Molecule	<p>Name: ICAM1</p> <p>Aliases: BB2; CD54; P3.58; ICAM1</p> <p>MW: 57.8kDa</p> <p>Entrez Gene ID: 3383</p>
Description	ICAM1 is a 85-110 kDa single chain type 1 integral membrane glycoprotein with an extracellular domain of five immunoglobulin superfamily repeats, a transmembrane region and a cytoplasmic domain. It shares considerable amino acid sequence homology with ICAM3 and with ICAM2. ICAM1 is expressed by activated endothelial cells. It is detected on cells of many other lineages (e.g. epithelial cells, fibroblasts, chondrocytes, B lymphocytes, T lymphocytes (low), monocytes, macrophages, dendritic cells and neutrophils), with lower levels that increase in inflammation. ICAM1 is also detected in some carcinoma and melanoma cells. Soluble ICAM1 is detectable in the plasma and is elevated in patients with various inflammatory syndromes. It is the receptor for rhinoviruses and malaria.
Immunogen	Purified recombinant fragment of human ICAM1(28-480aa) expressed in E. Coli. ;
Recombinant Species	Human
Clone	MM6G12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Neurosci Res. 1992 Feb;31(2):365-74. ; 2. J Cell Biol. 2002 Jun 24;157(7):1233-45. ; 3. J Hepatol. 2004 Mar;40(3):375-9. ;

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**