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Product datasheet for AM06428SU-N

ICAM1 Mouse Monoclonal Antibody [Clone ID: 6G12]

Product data:

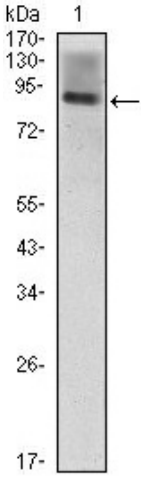
Product Type:	Primary Antibodies
Clone Name:	6G12
Applications:	ELISA, WB
Recommended Dilution:	**Western Blot**: 1/500 - 1/2000. **ELISA**: 1/10000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of human ICAM1(28-480aa) expressed in E. Coli.
Specificity:	This antibody reacts to ICAM1.
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% sodium azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	57,8 kDa
Gene Name:	intercellular adhesion molecule 1
Database Link:	Entrez Gene 3383 Human P05362

View online »

Background: 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.

Synonyms: ICAM-1

Product images:



Western blot analysis using ICAM1 mouse mAb against ICAM1 (AA: 28-480)-hIgGFc transfected HEK293 (1) cell lysate.