

Product datasheet for **AM08089PU-N**

Icam2 Rat Monoclonal Antibody [Clone ID: 3C4]

Product data:

Product Type:	Primary Antibodies
Clone Name:	3C4
Applications:	FC, FN, IHC, IP
Recommended Dilution:	Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,2) Immunohistochemistry on Frozen Sections. (Ref.3) Immunoprecipitation. (Ref.1) In vitro blocking assays. (Ref.1)
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	COS cells transfected with mouse ICAM-2 cDNA. (Ref.1)
Specificity:	This antibody is specific to ICAM-2 (CD102). It blocks the interaction between ICAM-2 and LFA-1. (Ref.1)
Formulation:	100 mM Borate Buffered Saline, pH 8.2. No preservatives or amine-containing buffer salts added. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
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.
Gene Name:	intercellular adhesion molecule 2
Database Link:	Entrez Gene 15896 Mouse P35330



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Background:

ICAM2 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin like C2 type domains, and bind to the leukocyte adhesion LFA1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA1 dependent cell adhesion. It mediates adhesive interactions important for antigen specific immune response, NK cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance.

Synonyms:

ICAM-2