

Product datasheet for **TA320350**

Icam2 Rat Monoclonal Antibody [Clone ID: 3C4 (mIC2/4)]

Product data:

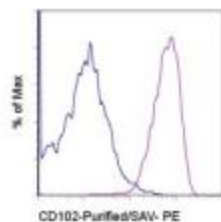
Product Type:	Primary Antibodies
Clone Name:	3C4 (mIC2/4)
Applications:	FC
Recommended Dilution:	Flow, IHC, IP
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	intercellular adhesion molecule 2
Database Link:	NP_034624 Entrez Gene 15896 Mouse P35330

Background: The monoclonal antibody 3C4 (mIC2/4) recognizes mouse CD102, also known as intercellular adhesion molecule-2 (ICAM-2). CD102, a member of the Immunoglobulin superfamily of receptors with 2 extracellular Ig domains, binds LFA (CD11a/CD18) and Mac-1 (CD11b/CD18), thereby mediating cellular interactions to lymphocytes. CD102 plays a role in NK cytotoxicity and migration, and lymphocyte recirculation. Expression of CD102 is found on most lymphocytes, monocytes and platelets. The 3C4 (mIC2/4) antibody blocks interaction of lymphocytes with antigen presenting cells.

Synonyms: CD102; ICAM-2



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Product images:

Staining of C57BL/6 splenocytes with 0.125 ug of Rat IgG2a kappa Isotype Control Purified (blue histogram) or 0.125 ug of Anti-Mouse CD102 (ICAM-2) Purified (purple histogram) followed by Anti-Rat IgG Biotin and Streptavidin PE. Total viable cells were used for analysis.