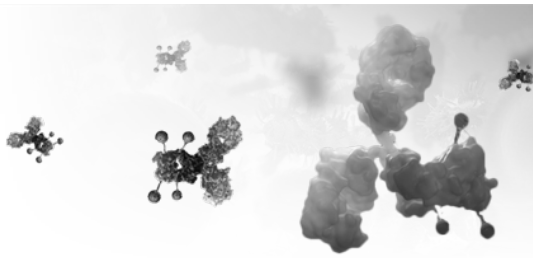

Anti-ICAM2 monoclonal antibody, clone mIC2/4 (3C4) (CABT-50463RM)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD102 antibody, clone mIC2/4 (3C4) recognizes murine intercellular adhesion molecule-2 (ICAM-2), also known as CD102. Murine CD102 is a glycosylated cell surface protein that is broadly expressed on most leucocytes and is constitutively expressed on endothelial cells. CD102 interacts with the CD11a/CD18 integrin LFA-1. Reports suggest that CD102 may play a role in lymphocyte re-circulation and T-cell activation. Rat anti Mouse CD102 antibody, clone mIC2/4 is reported to inhibit interactions between CD102 and LFA-1. Flow Cytometry Use 10ul of the suggested working dilution to label 106cells in 100ul.
Specificity	ICAM2
Immunogen	COS cells transfected with murine ICAM-2
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	mIC2/4 (3C4)
Conjugate	Unconjugated
Applications	FC; IP
Format	Purified IgG - liquid
Size	250 µg
Preservative	See individual product datasheet
Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may

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denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	Icam2 intercellular adhesion molecule 2 [Mus musculus (house mouse)]
Official Symbol	ICAM2
Synonyms	ICAM2; intercellular adhesion molecule 2; CD102; Ly-60; Icam-2; lymphocyte function-associated AG-1 counter-receptor;
Entrez Gene ID	15896
Protein Refseq	NP_034624
UniProt ID	P35330
Chromosome Location	11 E1; 11 69.09 cM
Pathway	Adaptive Immune System; Cell adhesion molecules (CAMs); Extracellular matrix organization; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Integrin cell surface interactions; Natural killer cell mediated cytotoxicity; XPodNet - protein-protein interactions in the podocyte expanded by STRING;
Function	integrin binding; protein binding;

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