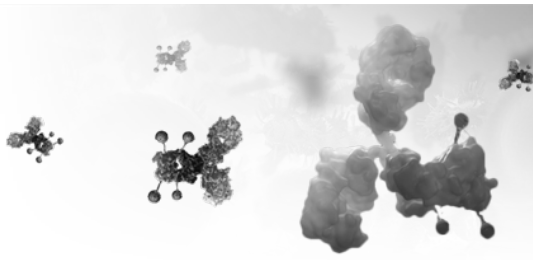

Anti-ICAM1 monoclonal antibody, clone 84H10 (CABT-49499MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human CD54 antibody, clone 84H10 recognizes the D1 domain of ICAM-1. It reacts with the ICAM-1 antigen found in low levels on lymphocytes and strongly expressed on monocytes and granulocytes. This molecule is inducible to high levels by mitogenic lectins on lymphocytes and by IL-1 beta or IFN gamma on other cell types such as fibroblasts and endothelial cells. Detects an antigen of 90kD. Mouse anti Human CD54 antibody, clone 84H10 has been reported to block ICAM1 mediated cellular adhesion and block binding of LFA-1 and P. falciparum to ICAM-1. Mouse anti Human CD54 antibody, clone 84H10 is routinely tested in flow cytometry on rat splenocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ICAM1
Immunogen	K562 cell line
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog
Clone	84H10
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; FA; IP
Format	Purified IgG - liquid
Size	200 µg
Preservative	See individual product datasheet

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Storage	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ICAM1 intercellular adhesion molecule 1 [Homo sapiens (human)]
Official Symbol	ICAM1
Synonyms	ICAM1; intercellular adhesion molecule 1; BB2; CD54; P3.58; ICAM-1; cell surface glycoprotein P3.58; major group rhinovirus receptor; intercellular adhesion molecule 1 (CD54), human rhinovirus receptor;
Entrez Gene ID	3383
Protein Refseq	NP_000192
UniProt ID	P05362
Chromosome Location	19p13.3-p13.2
Pathway	Adaptive Immune System; African trypanosomiasis; Cell adhesion molecules (CAMs); Cytokine Signaling in Immune system; Epstein-Barr virus infection; Extracellular matrix organization; Glucocorticoid receptor regulatory network; HTLV-I infection;
Function	integrin binding; protein binding; receptor activity; transmembrane signaling receptor activity; virus receptor activity;

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