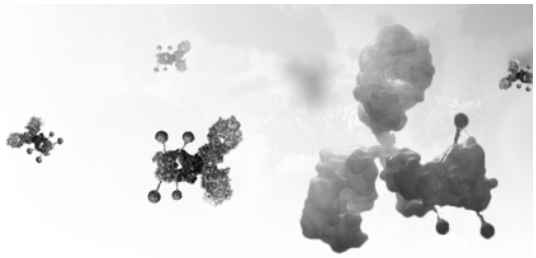

Anti-ICAM1 monoclonal antibody, clone 3E2B (CABT-46477HM)

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

PRODUCT INFORMATION

Product Overview	Hamster anti Mouse CD54 antibody, clone 3E2B recognizes murine Intercellular adhesion molecule 1, also known as ICAM-1, CD54, MALA-2 or MyD10. CD54 is a 537 amino acid ~89kDa single pass type I transmembrane glycoprotein bearing five Ig-like C2 type domains. Two isoforms, differing at the N-terminal signal peptide sequence and flanking end terminal domain of the processed molecule are generrated by alternative splicing(UniProt P13577) . CD45 is a counter-receptor for LFA-1. Murine CD54 is expressed at low levels on T-cells, B-cells, monocytes and endothelial cells but can be induced strongly by a number of stimuli, including UV radiation. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	ICAM1
Isotype	IgG
Source/Host	Hamster
Species Reactivity	Mouse
Clone	3E2B
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC; FA
Format	Purified IgG - liquid
Size	500 µg
Preservative	None
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	Icam1 intercellular adhesion molecule 1 [Mus musculus (house mouse)]
Official Symbol	ICAM1
Synonyms	ICAM1; intercellular adhesion molecule 1; CD54; Ly-47; Icam-1; MALA-2; myD10;
Entrez Gene ID	15894
Protein Refseq	NP_034623
UniProt ID	P13577
Chromosome Location	9 A3; 9 7.69 cM
Pathway	Adaptive Immune System; African trypanosomiasis; Cell adhesion molecules (CAMs); Cytokine Signaling in Immune system; Epstein-Barr virus infection; Extracellular matrix organization; HTLV-I infection; IL-2 Signaling Pathway;
Function	integrin binding; protein complex binding;

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