



Anti-CD2 monoclonal antibody, clone AT37 [FITC] (CABT-47987RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD2 antibody, clone AT37 recognizes the murine CD2 antigen, expressed by T lymphocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.
Specificity	CD2
Immunogen	Mouse thymocytes
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	AT37
Conjugate	FITC
Applications	FC
Format	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
Storage	Store at +4°C for one month or at -20°C for longer. This product should be stored undiluted. This product is photosensitive and should be protected from light. 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	Cd2 CD2 antigen [Mus musculus (house mouse)]
Official Symbol	CD2
Synonyms	CD2; CD2 antigen; Ly37; LFA-2; Ly-37; T-cell surface antigen CD2; LFA-3 receptor; lymphocyte antigen 37; T-cell surface antigen T11/Leu-5;
Entrez Gene ID	12481
Protein Refseq	NP_038514
UniProt ID	P08920
Chromosome Location	3 F2.2; 3 44.17 cM
Pathway	Cell adhesion molecules (CAMs); Hematopoietic cell lineage; T Cell Receptor Signaling Pathway;
Function	antigen binding; glycoprotein binding; protein binding; protein homodimerization activity; protein kinase binding; protein self-association; receptor activity; receptor binding; receptor tyrosine kinase binding;