



# 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

<b>Product Overview</b>	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.
<b>Specificity</b>	CD2
<b>Immunogen</b>	Mouse thymocytes
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	AT37
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">Cd2 CD2 antigen [ <i>Mus musculus</i> (house mouse) ]</a>
<b>Official Symbol</b>	CD2
<b>Synonyms</b>	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;
<b>Entrez Gene ID</b>	<a href="#">12481</a>
<b>Protein Refseq</b>	<a href="#">NP_038514</a>
<b>UniProt ID</b>	P08920
<b>Chromosome Location</b>	3 F2.2; 3 44.17 cM
<b>Pathway</b>	Cell adhesion molecules (CAMs); Hematopoietic cell lineage; T Cell Receptor Signaling Pathway;
<b>Function</b>	antigen binding; glycoprotein binding; protein binding; protein homodimerization activity; protein kinase binding; protein self-association; receptor activity; receptor binding; receptor tyrosine kinase binding;