



Anti-CD2 monoclonal antibody, clone OX-34 [Biotin] (CABT-47994MR)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Rat CD2 antibody, clone OX-34 recognizes a determinant on thymocytes and peripheral T-cells but it does not bind to B cells or peritoneal macrophages. The antigen recognized by this antibody is a 50-54kDa glycoprotein, homolog of the human CD2 antigen. Flow Cytometry Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
Specificity	CD2
Immunogen	Activated rat T helper cells
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Rat
Clone	OX-34
Conjugate	Biotin
Applications	IHC-Fr; FC; IHC-P
Format	Purified IgG conjugated to Biotin - liquid
Size	100 µg
Preservative	0.09% Sodium Azide
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	Cd2 Cd2 molecule [Rattus norvegicus (Norway rat)]
Official Symbol	CD2
Synonyms	CD2; Cd2 molecule; CD2R; LFA2; OX34; LFA-2; OX-34; T-cell surface antigen CD2; CD2 antigen; OX-34 antigen; LFA-3 receptor; T-cell surface antigen T11/Leu-5; OX-45 surface antigen homolog to human T lymphocyte CD2 antigen;
Entrez Gene ID	497761
Protein Refseq	NP_036962
UniProt ID	P08921
Chromosome Location	2q34
Pathway	Cell adhesion molecules (CAMs); Hematopoietic cell lineage; T Cell Receptor Signaling Pathway;
Function	antigen binding; glycoprotein binding; protein homodimerization activity; protein kinase binding; protein self-association; receptor activity; receptor binding; receptor tyrosine kinase binding;