



Anti-CD8A monoclonal antibody, clone OX-8 [Biotin] (CABT-45339MR)

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

PRODUCT INFORMATION

Product Overview Mouse anti Rat CD8 α , clone MRC OX-8, recognizes the rat CD8 alpha cell surface antigen, expressed by a subset of T lymphocytes, most thymocytes and the majority of NK cells. Clone MRC OX-8 is suitable for use in in vitro blocking studies. Mouse anti Rat CD8 α , clone MRC OX-8 has been described reacting with paraffin-embedded material following PLP Fixation (periodate-lysine paraformaldehyde). This product 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	CD8A
Immunogen	Rat thymocyte membrane glycoproteins
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	OX-8
Conjugate	Biotin
Applications	FC
Format	Purified IgG conjugated to Biotin - lyophilised
Size	100 tests
Preservative	0.09% Sodium Azide
Storage	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. 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	Cd8a CD8a molecule [Rattus norvegicus (Norway rat)]
Official Symbol	CD8A
Synonyms	CD8A; CD8a molecule; T-cell surface glycoprotein CD8 alpha chain; OX-8 membrane antigen; CD8 antigen alpha-chain; CD8 antigen 32 kDa chain; CD8 antigen, alpha chain; CD8 antigen, alpha-chain;
Entrez Gene ID	24930
Protein Refseq	NP_113726
UniProt ID	P07725
Chromosome Location	4q33
Pathway	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Hematopoietic cell lineage; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell; Primary immunodeficiency; T Cell Receptor Signaling Pathway;
Function	protein homodimerization activity; protein kinase binding;