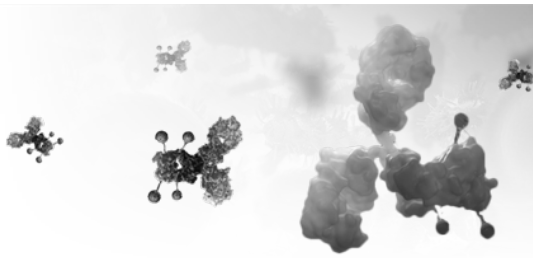

Anti-CD8A monoclonal antibody, clone YTC141.1HL (CABT-45278RH)

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

PRODUCT INFORMATION

Product Overview	Rat anti Human CD8 antibody, clone YTC141.1HL recognizes the human CD8 cell surface antigen, a ~32kDa glycoprotein expressed by the cytotoxic/suppressor subset of T lymphocytes, and more weakly by NK cells. Rat anti Human CD8 antibody, clone YTC141.1HL recognizes a different epitope from clone YTC182.20. Flow Cytometry Use 5ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD8A
Immunogen	Mouse L cells transfected with human CD8 gene.
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Human, Cynomolgus monkey
Clone	YTC141.1HL
Conjugate	Unconjugated
Applications	FC
Format	Ig fraction - lyophilised
Size	200 tests
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.

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GENE INFORMATION

Gene Name	CD8A CD8a molecule [Homo sapiens (human)]
Official Symbol	CD8A
Synonyms	CD8A; CD8a molecule; CD8; MAL; p32; Leu2; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte different
Entrez Gene ID	925
Protein Refseq	NP_001139345
UniProt ID	P10966
Chromosome Location	2p12
Pathway	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Downstream signaling in naive CD8+ T cells; Hematopoietic cell lineage; IL12-mediated signaling events; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	MHC class I protein binding; coreceptor activity; protein binding; protein homodimerization activity; protein kinase binding;

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