



Anti-CD8A monoclonal antibody, clone YTS105.18 (CABT-45297RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD8, clone YTS105.18 recognizes a non polymorphic epitope on the mouse CD8 alpha chain. This antibody has been reported to block MHC I dependent T cell responses in vitro and in vivo, and induces transplantation tolerance in combination with CD4 antibodies. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD8A
Immunogen	Mouse spleen cells.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	YTS105.18
Conjugate	Unconjugated
Applications	IHC-Fr; FC; IF
Format	Purified IgG - liquid
Size	500 µg
Preservative	None
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	Cd8a CD8 antigen, alpha chain [Mus musculus (house mouse)]
Official Symbol	CD8A
Synonyms	CD8A; CD8 antigen, alpha chain; Ly-2; Ly-B; Ly-35; Lyt-2; BB154331; T-cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein Lyt-2; Lyt-2.1 lymphocyte differentiation antigen (AA at 100);
Entrez Gene ID	12525
Protein Refseq	NP_001074579
UniProt ID	P01731
Chromosome Location	6 C; 6 32.14 cM
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 binding; protein homodimerization activity; protein kinase binding;