



Anti-CD8A monoclonal antibody, clone YTS169.4 (CABT-45285RM)

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

PRODUCT INFORMATION

Product Overview	Rat anti Mouse CD8 antibody, clone YTS169.4 recognizes the murine CD8 cell surface antigen, expressed by a subset of T lymphocytes. Rat anti Mouse CD8 antibody, clone YTS169.4 exhibits depleting activity when used in vivo. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD8A
Isotype	IgG2b
Source/Host	Rat
Species Reactivity	Mouse
Clone	YTS169.4
Conjugate	Unconjugated
Applications	IHC-Fr; FC
Format	Purified IgG - liquid
Size	250 µg
Preservative	See individual product datasheet
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 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	P10300
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;