



# 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

<b>Product Overview</b>	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.
<b>Specificity</b>	CD8A
<b>Isotype</b>	IgG2b
<b>Source/Host</b>	Rat
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	YTS169.4
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-Fr; FC
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	250 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	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

<b>Gene Name</b>	<a href="#">Cd8a CD8 antigen, alpha chain [ <i>Mus musculus</i> (house mouse) ]</a>
<b>Official Symbol</b>	CD8A
<b>Synonyms</b>	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);
<b>Entrez Gene ID</b>	<a href="#">12525</a>
<b>Protein Refseq</b>	<a href="#">NP_001074579</a>
<b>UniProt ID</b>	P10300
<b>Chromosome Location</b>	6 C; 6 32.14 cM
<b>Pathway</b>	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;
<b>Function</b>	protein binding; protein homodimerization activity; protein kinase binding;