



Anti-CD8A monoclonal antibody, clone KT15 [Biotin] (CABT-45318RM)

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

PRODUCT INFORMATION

Product Overview

Rat anti mouse CD8 α , clone KT15, recognises the alpha chain of mouse CD8. CD8 is a heterodimeric protein composed of disulphide-linked CD8 α and CD8 β chains that is expressed primarily on cytotoxic T-cells. CD8 functions in the interaction with MHC Class I-bearing targets and plays a role in T-cell-mediated killing. Clone KT15 is reported to block T-cell-mediated cytotoxicity in in vitro assays. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors.

Specificity	CD8A
Immunogen	T cell clone, C6.
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	KT15
Conjugate	Biotin
Applications	FC
Format	Purified IgG conjugated to Biotin - liquid
Size	100 tests
Preservative	See individual product datasheet
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
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;