



Anti-CD8A monoclonal antibody, clone KT15 (CABT-45327RM)

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

PRODUCT INFORMATION

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| 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. |
| Specificity | CD8A |
| Immunogen | T cell clone, C6. |
| Isotype | IgG2a |
| Source/Host | Rat |
| Species Reactivity | Mouse |
| Clone | KT15 |
| Conjugate | Unconjugated |
| Applications | IHC-Fr; FC; IF |
| Format | Purified IgG - liquid |
| Size | 100 μ g |
| 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

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| 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; |