



Anti-CD8A monoclonal antibody, clone CA9.JD3 (CABT-45295MD)

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

PRODUCT INFORMATION

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| Product Overview | Mouse anti Dog CD8 alpha antibody, clone CA9.JD3 recognizes the canine CD8 alpha chain which is expressed by thymocytes, peripheral T cells in the blood and lymphoid organs . Mouse anti Dog CD8α clone CA9.JD3 has been reported to inhibit cytotoxic T lymphocyte function. CA9.JD3 immunoprecipitates a heterodimer of 32kDa and 36kDa (reduced) from canine Tumor cells and from thymocytes. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul. |
| Specificity | CD8A |
| Immunogen | Canine Thymocytes |
| Isotype | IgG2a |
| Source/Host | Mouse |
| Species Reactivity | Dog |
| Clone | CA9.JD3 |
| Conjugate | Unconjugated |
| Applications | IHC-Fr; FC; IP |
| Format | Tissue Culture Supernatant - liquid |
| Size | 2 ml |
| Preservative | 0.09% Sodium Azide |
| 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 |

GENE INFORMATION

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| Gene Name | CD8A CD8a molecule [Canis lupus familiaris (dog)] |
| Official Symbol | CD8A |
| Synonyms | CD8A; T-cell surface glycoprotein CD8 alpha chain; CD8 antigen, alpha polypeptide (p32); |
| Entrez Gene ID | 403157 |
| Protein Refseq | NP_001002935 |
| UniProt ID | P33706 |
| Chromosome Location | chromosome: 17 |
| 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 homodimerization activity; |