



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

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 CD8 α 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

microcentrifugation before use.

GENE INFORMATION

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;