



# Anti-CD8A monoclonal antibody, clone LT8 [FITC] (CABT-45257MH)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Human CD8 antibody, clone LT8 recognizes the human CD8 cell surface glycoprotein expressed by a subset of peripheral blood T cells which express cytotoxic/suppressor activity. It is also expressed weakly on NK cells. The CD8 antigen is a co-receptor for MHC Class I in conjunction with the T cell receptor, and is important in the selection process of CD8+ MHC Class I restricted T cells. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or cells or 100ul human whole blood.
<b>Specificity</b>	CD8A
<b>Immunogen</b>	Normal human blood lymphocytes
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human, Chimpanzee, Cynomolgus monkey, Red-bellied Tamarin, Rhesus monkey
<b>Clone</b>	LT8
<b>Conjugate</b>	FITC
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	See individual product datasheet
<b>Storage</b>	in frost free freezers is not recommended. This product is photosensitive and should be protected from light. 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	<a href="#">CD8A CD8a molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD8A
Synonyms	CD8A; CD8a molecule; CD8; MAL; p32; Leu2; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte different
Entrez Gene ID	<a href="#">925</a>
Protein Refseq	<a href="#">NP_001139345</a>
UniProt ID	P10966
Chromosome Location	2p12
Pathway	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Downstream signaling in naive CD8+ T cells; Hematopoietic cell lineage; IL12-mediated signaling events; Immune System; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell;
Function	MHC class I protein binding; coreceptor activity; protein binding; protein homodimerization activity; protein kinase binding;