



# Anti-CD8B monoclonal antibody, clone Bu88 [FITC] (CABT-45272MH)

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 Bu88 recognizes the alpha-chain of human CD8, a 32kD glycoprotein expressed by the cytotoxic-suppressor subset of T cells and weakly by NK cells. CD8 functions as a receptor for MHC Class I molecules. Flow Cytometry Use 10ul of the suggested working dilution to label 1x10 <sup>6</sup> cells in 100ul.
<b>Specificity</b>	CD8B
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Bu88
<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>	0.09% Sodium Azide
<b>Storage</b>	in frost-free freezers is not recommended. This product should be stored undiluted. 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="#">CD8B CD8b molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD8B
Synonyms	CD8B; CD8b molecule; LY3; P37; LEU2; LYT3; CD8B1; T-cell surface glycoprotein CD8 beta chain; CD8 antigen, beta polypeptide 1 (p37); T lymphocyte surface glycoprotein beta chain;
Entrez Gene ID	<a href="#">926</a>
Protein Refseq	<a href="#">NP_001171571</a>
UniProt ID	P01732
Chromosome Location	2p12
Pathway	Adaptive Immune System; Antigen processing and presentation; Cell adhesion molecules (CAMs); Disease; Downstream signaling in naive CD8+ T cells; HIV Infection; Hematopoietic cell lineage; Host Interactions of HIV factors;
Function	MHC class I protein binding; coreceptor activity; protein binding;