



Anti-CD8B monoclonal antibody, clone 2ST8.5H7 (CABT-48678MH)

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

PRODUCT INFORMATION

Product Overview	CD8 molecules are composed of dimers of either alpha/alpha or alpha/beta polypeptide combinations. Both types of dimer may co-exist at the cell surface. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.
Specificity	CD8B
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human, Cynomolgus monkey, Rhesus monkey
Clone	2ST8.5H7
Conjugate	Unconjugated
Applications	FC; IP; WB
Format	Purified IgG - lyophilised
Size	200 µg
Preservative	None
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. 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	CD8B CD8b molecule [Homo sapiens (human)]
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	926
Protein Refseq	NP_001171571
UniProt ID	P10966
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;