

Product datasheet for **AM05678RP-N**

Cd8b1 Rat Monoclonal Antibody [Clone ID: YTS156.7.7]

Product data:

Product Type:	Primary Antibodies
Clone Name:	YTS156.7.7
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1/5.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Mouse thymocytes
Specificity:	This antibody reacts with CD8 Beta Chain.
Formulation:	Phosphate buffered saline pH7.2 containing 0.09% Sodium Azide, 1% Bovine Serum Albumin Label: PE State: Liquid purified IgG Label: R. Phycoerythrin (RPE)
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8 antigen, beta chain 1
Database Link:	Entrez Gene 12526 Mouse P10300



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Background:

The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell to cell interactions within the immune system. The CD8 antigen, acting as a coreceptor, and the T cell receptor on the T lymphocyte recognize antigen displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The functional coreceptor is either a homodimer composed of two alpha chains, or a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains.

Synonyms:

CD8B, CD8B1