

Product datasheet for **SM1784A**

CD8A Mouse Monoclonal Antibody [Clone ID: LT8]

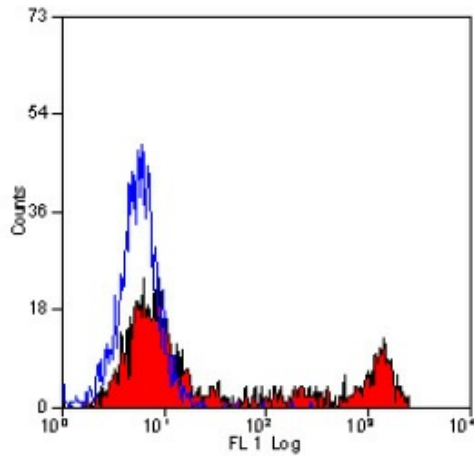
Product data:

Product Type:	Primary Antibodies
Clone Name:	LT8
Applications:	FC, IHC, IP
Recommended Dilution:	Flow cytometry: 1/50 - 1/100, use 10 µl of the suggested working dilution label 10e6 cells in 100µl. Immunoprecipitation. Immunohistochemistry on frozen sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Normal human peripheral blood lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse X63.653 myeloma cell line.
Specificity:	This antibody recognises the alpha-chain of the CD8 antigen.
Formulation:	PBS, pH7.4 State: Azide Free State: Liquid purified IgG
Concentration:	lot specific
Purification:	Ion exchange chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8a molecule
Database Link:	Entrez Gene 925 Human P01732
Background:	CD8 is 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.



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Synonyms:	CD8 alpha chain, CD8A, MAL
Protein Families:	Adult stem cells, Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein, Transmembrane
Protein Pathways:	Antigen processing and presentation, Cell adhesion molecules (CAMs), Hematopoietic cell lineage, Primary immunodeficiency, T cell receptor signaling pathway

Product images:

Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD8: AZIDE FREE.