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Product datasheet for AM05583FC-N

CD8A Mouse Monoclonal Antibody [Clone ID: Bu88]

Product data:

Product Type:	Primary Antibodies
Clone Name:	Bu88
Applications:	FC
Recommended Dilution:	Flow Cytometry: 1/10.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Specificity:	This antibody recognises 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.
Formulation:	Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide (NaN3) and 1% Bovine Serum Albumin Label: FITC State: Liquid purified IgG Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity chromatography on Protein G
Conjugation:	FITC
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD8a molecule
Database Link:	Entrez Gene 925 Human P01732

View online »

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: CD8 alpha chain, CD8A, MAL