

Product datasheet for **AM05173AC-N**

CD8A Mouse Monoclonal Antibody [Clone ID: 17D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	17D8
Applications:	FC
Recommended Dilution:	Flow Cytometry. Monitoring of T cells subsets in peripheral blood; Analysis of NK cell subsets; Study of cell mediated cytotoxicity.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CD8=Derived from the hybridization of mouse NS-1 myeloma cells with spleen cells from BALB/c mice immunized with human perherial blood T lymphocytes.
Specificity:	This antibody detects human T and NK Lymphocytes.
Formulation:	PBS containing 0.2% protein carrier and 0.08% Sodium Azide as preservative. Label: APC State: Liquid (sterile filtered) purified IgG fraction. Label: Allophycocyanin conjugates are analyzed in multi-color flow cytometry with instruments equipped with a second laser and proper filters. Laser excitation is at 633 nm with a Helium Neon (HeNe) laser or a 600-640 nm (633 nm) range for a Dye laser. Peak fluorescence emission is at 660 nm
Concentration:	lot specific
Conjugation:	APC
Storage:	Store the antibody undiluted at 2-8°C. Do Not Freeze!
Stability:	Shelf life: One year from despatch.
Gene Name:	CD8a molecule
Database Link:	Entrez Gene 925 Human P01732



[View online »](#)

Background:	Identification of human T cells suppressor/cytotoxic expressing the 32 kDa M.W. surface antigen.
Synonyms:	CD8 alpha chain, CD8A, MAL
Note:	<p>Protocol: PBMC: Add 10 ul of MAB/10e6 PBMC in 100 ul PBS. Mix gently and incubate for 15 minutes at 2-8°C. Wash twice with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze.</p> <p>WHOLE BLOOD: Add 10 ul of MAB/100 ul of whole blood. Mix gently and incubate for 15 minutes at room temperature 20°C. Lyse the whole blood. Wash once with PBS and analyze or fix with 0.5% v/v of paraformaldehyde in PBS and analyze. See instrument manufacturer's instructions for Lysed Whole Blood and Immunofluorescence analysis with a flow cytometer or microscope.</p>
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