

## Product datasheet for **AM05171AC-N**

### CD5 Mouse Monoclonal Antibody [Clone ID: M28323]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	M28323
Applications:	FC
Recommended Dilution:	Flow Cytometry. This antibody is suitable for Monitoring of T cells subsets in peripheral blood, Analysis of B cell subsets, Characterization of subtypes of T cell leukemias and lymphomas.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	CD5=Derived from the hybridization of mouse NS-1/Ag4 myeloma cells with spleen cells of BALB/c mice immunized with human t-acute lymphoblastic leukemia (ALL) cells.
Formulation:	PBS containing 0.2% protein carrier and 0.08% Sodium Azide as preservative. Label: APC State: Liquid purified IgG fraction.
Concentration:	lot specific
Conjugation:	APC
Storage:	Store the antibody undiluted at 2-8°C. <b>Do Not Freeze!</b>
Stability:	Shelf life: One year from despatch.
Gene Name:	CD5 molecule
Database Link:	<a href="#">Entrez Gene 921 Human P06127</a>
Background:	Identification of human helper/inducer T cells expressing the 67,000 M.W. surface antigen, 85% peripheral blood lymphocytes that form rosettes with sheep red blood cells (E+), and a small subset of B cells.
Synonyms:	CD5, LEU1



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**Note:**

Protocol: **PBMC:**  
Add 10 ul of Antibody/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.

**WHOLE BLOOD:**  
Add 10 ul of Antibody/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.