



Product Datasheet
**Human CD5 Monoclonal Antibody (Biotin
Conjugated) (AGEL0187)**
Catalogue Code: AGEL0187

Antibody Data

Product SKU:	AGEL0187	Clone	UCHT2
Applications:	FC	Conjugate	Biotin
Reactivity:	Human		

Immunogen Information:

Gene ID: 921

Swiss Prot: P06127

Synonyms: T-cell surface glycoprotein CD5, CD5, Lymphocyte antigen T1/Leu-1, LEU1

Product Information:

Host Species: Mouse

Isotype: Mouse IgG1

Storage: PBS with 0.05% Proclin300, 1% BSA

Recommended Dilution: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μl volume or 100 μl of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.

Background:

CD5 is a 67 kD single chain type I glycoprotein also known as Leu-1, Ly-1 and T1. It is a member of the scavenger receptor superfamily found on T cells, thymocytes, B cell subsets, chronic B lymphocytic leukemia (B-Cells), and peripheral blood dendritic cells. CD5 modulates T and B cell receptor signaling, thymocyte maturation, and T-B cell interactions upon binding to ligands such as CD72.

Images:

