



# Anti-CD5 monoclonal antibody, clone MF7-14.5 [Biotin] (CABT-45195MH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse anti Human CD5 antibody, clone MF7-14.5 recognizes the CD5 cell surface glycoprotein, a 67kDa antigen expressed by T lymphocytes and by a subset of B lymphocytes. CD5 is also expressed by tumor cells in cases of B-cell Chronic Lymphocytic Leukaemia (B-CLL) Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells or 100ul whole blood
<b>Specificity</b>	CD5
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	MF7-14.5
<b>Conjugate</b>	Biotin
<b>Applications</b>	FC
<b>Format</b>	Purified IgG conjugated to Biotin - liquid
<b>Size</b>	100 µg
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">CD5 CD5 molecule [ Homo sapiens (human) ]</a>
Official Symbol	CD5
Synonyms	CD5; CD5 molecule; T1; LEU1; T-cell surface glycoprotein CD5; CD5 antigen (p56-62); lymphocyte antigen T1/Leu-1;
Entrez Gene ID	<a href="#">921</a>
Protein Refseq	<a href="#">NP_055022</a>
UniProt ID	P06127
Chromosome Location	11q13
Pathway	B Cell Receptor Signaling Pathway; Hematopoietic cell lineage;
Function	protein binding; receptor activity; scavenger receptor activity; transmembrane signaling receptor activity;