



Rabbit Anti-Human CD7 Monoclonal Antibody, clone CQ7216 (CABT-Z263R)

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

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within C-Term of CD7 was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7216
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	25 kDa
Cellular Localization	Membrane
Positive Control	Tonsil Tissue
Format	Liquid
Concentration	Lot specific
Size	100 µl
Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	The CD7 molecule is a membrane-bound glycoprotein and is the earliest T cell specific antigen to be expressed in lymphocytes. CD7 antigen is also the only early marker to persist throughout differentiation. The function and role of the CD7 molecule has not yet been fully identified, although the activation of T cells with gamma/delta receptors has been proposed based on mAb-induced activation. CD7 antigen is reported to be found on the majority of peripheral blood T cells, most natural killer cells and thymocytes.
Keywords	CD7; CD7 molecule; GP40; TP41; Tp40; LEU-9; T-cell antigen CD7; p41 protein; CD7 antigen (p41); T-cell leukemia antigen; T-cell surface antigen Leu-9

GENE INFORMATION

Gene Name	CD7
Entrez Gene ID	924
UniProt ID	P09564