



# 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

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

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

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## 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.

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**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

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## GENE INFORMATION

<b>Gene Name</b>	CD7
<b>Entrez Gene ID</b>	<a href="#">924</a>
<b>UniProt ID</b>	<a href="#">P09564</a>

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