



# Rabbit Anti-Human CD2 Monoclonal Antibody, clone CQ7218 (CABT-Z265R)

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 N-Term of CD2 was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7218
<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>	39 kDa
<b>Cellular Localization</b>	T cell lymphoma tissue
<b>Positive Control</b>	Esophageal Carcinoma 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%.

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

## BACKGROUND

<b>Introduction</b>	CD2 is mainly present on the surface of mature T cells and NK cell membranes, while B cells are usually not expressed. It can be used to label the diagnosis and study of normal T cells and their associated tumors, such as pre-t cell lymphoma, marginal T cell lymphoma and anaplastic cell lymphoma. CD2 antibody is useful for identification of precursor and mature T-cell lymphomas. Aberrant loss of CD2 in T-cell lymphomas may help to distinguish them from reactive T-cell proliferations.
<b>Keywords</b>	CD2; Cd2 molecule; CD2R; LFA2; OX34; LFA-2; OX-34; T-cell surface antigen CD2; CD2 antigen; OX-34 antigen; LFA-3 receptor; T-cell surface antigen T11/Leu-5; OX-45 surface antigen homolog to human T lymphocyte CD2 antigen

## GENE INFORMATION

<b>Gene Name</b>	CD2
<b>Entrez Gene ID</b>	<a href="#">914</a>
<b>UniProt ID</b>	<a href="#">P06729</a>