



# Rabbit Anti-Human CD3 Monoclonal Antibody, clone CQ7138 (CABT-Z200R)

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

## PRODUCT INFORMATION

<b>Immunogen</b>	Synthetic peptide corresponding to CD3E residues within aa1-100 of CD3E was used as an immunogen.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	CQ7138
<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>	23 kDa
<b>Cellular Localization</b>	Membrane
<b>Positive Control</b>	Tonsil
<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>	The CD3 protein is a T-cell marker, a complex of four structurally distinct membrane glycoprotein isoforms, comprising extracellular, transmembrane and intracellular domains. The CD3 complex is responsible for mediating signal transduction to the internal environment upon antigenic recognition by TCR, causing T-cell proliferation and release of cytokines.
<b>Keywords</b>	4930549J05Rik; A430104F18Rik; AW552088; CD 3; Cd247; CD247 antigen; CD247 antigen, zeta subunit; CD247 molecule; CD3; CD3 antigen, delta subunit

## GENE INFORMATION

<b>Gene Name</b>	CD3
<b>Entrez Gene ID</b>	<a href="#">916</a>
<b>UniProt ID</b>	<a href="#">P07766</a>