



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

Immunogen	Synthetic peptide corresponding to CD3E residues within aa1-100 of CD3E was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7138
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	23 kDa
Cellular Localization	Membrane
Positive Control	Tonsil
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 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.
Keywords	4930549J05Rik; A430104F18Rik; AW552088; CD 3; Cd247; CD247 antigen; CD247 antigen, zeta subunit; CD247 molecule; CD3; CD3 antigen, delta subunit

GENE INFORMATION

Gene Name	CD3
Entrez Gene ID	916
UniProt ID	P07766