



Rabbit Anti-Human CD8 monoclonal antibody, clone TQ27 (CABT-L1230)

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

PRODUCT INFORMATION

Target	CD8
Immunogen	Synthetic peptide corresponding to the C-terminus of alpha chain of the human CD8 molecule
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ27
Conjugate	Unconjugated
Applications	IHC-P
Positive Control	A suggested positive control is tonsil tissue.
Format	Liquid
Buffer	Tissue culture supernatant diluted in TBS, pH 7.5, with 1% BSA
Preservative	0.1% Sodium Azide
Storage	4°C, do not freeze

BACKGROUND

Introduction	CD8 molecule consists of two chains, termed α and β chain, which are expressed as a disulphide-linked α/β heterodimer or as an α/α homodimer on T cell subset, thymocytes and NK
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cells. The majority of CD8+ T cells express CD8 as a/β heterodimer. CD8 functions as a coreceptor in concert with TCR for binding the MHC class I/peptide complex. The HIV-2 envelope glycoprotein binds CD8 α chain (but not β chain).

GENE INFORMATION

Entrez Gene ID [925](#)

UniProt ID [P01732](#)