

Anti-CD3 gamma Antibody (3I981)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse
Molecular Weight:	Theoretical: 20 kDa. Actual: 17-23 kDa.
Clone:	3I981
Purification:	Protein A purified

Applications

Sample:	Lane 1: Mouse Spleen tissue lysates Lane 2: Mouse Thymus tissue lysates
Verified Activity:	Primary: Anti-CD3 gamma (TMAB-03936) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 20 kDa Observed band size: 17 kDa
Application:	WB,IHC-P,IHC-F,IF,FCM,ICC/IF
Recommended	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:50-200,IF=1:100-500,FCM=1:50-200,ICC/IF=1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human CD3 gamma
Antigen Species:	Human
Gene ID:	917
Uniprot ID:	P09693

Research Background

The protein encoded by this gene is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Defects in this gene are associated with T cell immunodeficiency. [provided by RefSeq, Jul 2008]

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