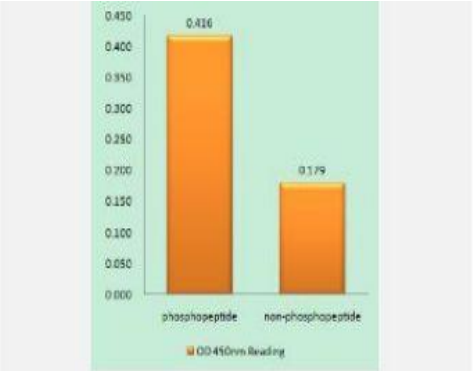
PRODUCT DATA SHEET

CD3 ζ (phospho Tyr142) Polyclonal Antibody

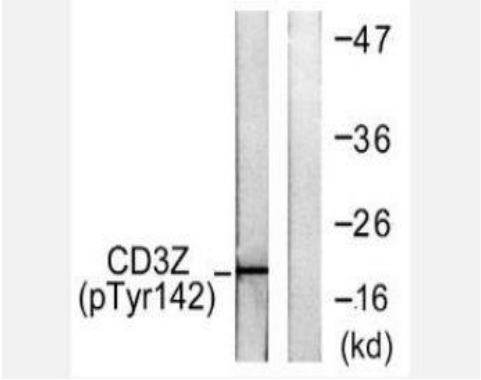
Catalog No.	IPH0003
Reactivity	Human;Mouse;Rat;Monkey
Applications	WB; IHC-p; ELISA
Gene Name	CD247
Protein Name	T-cell surface glycoprotein CD3 zeta chain
Human Gene Id	919
Swiss-Prot	P20963
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit
Dilution	WB: 1:500-1:2000 IHC: 1:100-1:300 ELISA: 1:5000
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Background	The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Subcellular Location	Cell membrane; Single-pass type I membrane protein.
BiowMW	18696

Products Images:



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using CD3 zeta (Phospho-Tyr142) Antibody

PRODUCT DATA SHEET



Western blot analysis of lysates from Jurkat cells treated with UV 15', using CD3 zeta (Phospho-Tyr142) Antibody. The lane on the right is blocked with the phospho peptide.