

Phospho-CD3 Zeta (Y142) Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-PHS00051
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human CD3 zeta around the phosphorylation site of Tyr142. AA range:111-160
Mol wt	18696
Species reactivity	Human, mouse, rat, monkey
Clonality	Polyclonal
Recommended application	WB, IHC-p, ELISA
Concentration	1 mg/ml
Full name	Phospho-CD3 zeta (Y142) Antibody
Synonyms	CD247; CD3Z; T3Z; TCRZ; T-cell surface glycoprotein CD3 zeta chain; T-cell receptor T3 zeta chain; CD antigen CD247

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by CD247 (CD247 molecule) 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 CD247.

Recommended Dilution

WB: 1: 500 - 1: 2000

IHC: 1: 100 - 1: 300

ELISA: 1: 5000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for one year