

Zap-70 (Phospho-Tyr493) Conjugated Antibody

Catalog No: #C11160



Package Size: #C11160-AF350 100ul #C11160-AF405 100ul #C11160-AF488 100ul
 #C11160-AF555 100ul #C11160-AF594 100ul #C11160-AF647 100ul
 #C11160-AF680 100ul #C11160-AF750 100ul #C11160-Biotin 100ul

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Description

Product Name	Zap-70 (Phospho-Tyr493) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Zap-70 only when phosphorylated at tyrosine 493.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 493 (S-Y-Y(p)-T-A) derived from Human Zap-70.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	70 kDa zeta-associated protein;SRK;Syk-related tyrosine kinase;ZA70;ZAP-70
Accession No.	Swiss-Prot#:P43403 NCBI Gene ID:7535NCBI mRNA#:NM_001079.3 NCBI Protein#: NP_001070.2
Uniprot	P43403
GeneID	7535;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	70
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

Plays a role in T-cell development and lymphocyte activation. Essential for TCR-mediated IL-2 production. Isoform 1 induces TCR-mediated signal transduction, isoform 2 does not.

Note: This product is for in vitro research use only