



Cat nr AE00241

Product Datasheet

Rabbit Polyclonal Phospho-Specific Antibody, ZAP70-pY493 to:

ZAP70, phosphorylated Y493

Zeta chain of T cell receptor Associated Protein kinase 70; 70kDa zeta-chain associated protein; Syk-related tyrosine kinase; Tyrosine-protein kinase ZAP-70; SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70

Cellular localization	Cytoplasm, transported to the plasma membrane upon TCR activation
Official Symbol (Gene)	ZAP70
GeneID	7535
SwissProt	P43403

Confirmed Applications	WB
Positive controls	Anisomycin-treated Jurkat, ATP-treated Jurkat
Customers positive feedback	
Aeonian Rating [©]	70

Purification	Antigen-affinity purified from serum by sequential phospho-peptide and non-phospho-peptide affinity columns.
Formulation	<input type="checkbox"/> PBS, 0.02% azide, 50% glycerol
Amount	<input type="checkbox"/> 100ug <input type="checkbox"/> 200ug
Isotype	Rabbit IgG
Confirmed species reactivity	Human
Immunogen	A synthetic peptide around phosphorylated Y493 of human ZAP70 (NP_001070.2).
Epitope	A short sequence around phosphorylated Y493 (exact sequence is proprietary)

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

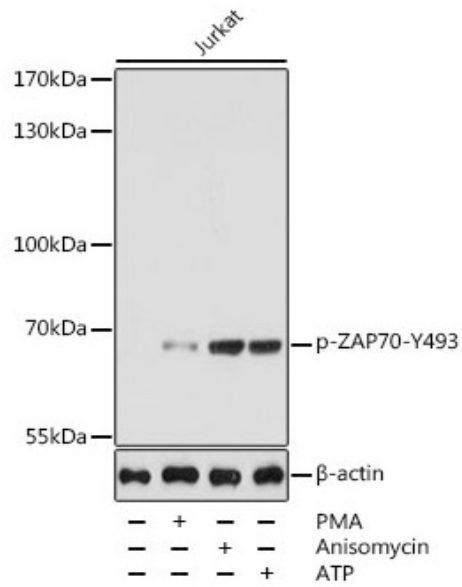
Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

Product data:

Western Blot (WB):

This product was successfully used to stain approx. 62kDa band in lysates of Jurkat after PMA/TPA, Anisomycin and ATP-treatment. Recommended concentration: 1-3ug/ml



Western Blots of 30ug lysates of Jurkat (200nM PMA/TPA 10min, or 5ug/ml Anisomycin 30min, or 5mM ATP 1h), stained with ZAP70-pY493 Rabbit Polyclonal Antibody AE00241 at 1ug/ml (1h at ambient temp). ECL staining by HRP.