

## Product datasheet for **AP02441PU-S**

### ZAP70 pTyr319 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IF, WB
Recommended Dilution:	<b>Western Blot:</b> 1/500 - 1/1000.; Incubate membrane with diluted antibody in 5% nonfat milk, 1X TBS, 0,1% Tween-20 at 4°C with gentle shaking, overnight. <b>Immunofluorescence:</b> 1/100 - 1/200.
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic phosphopeptide derived from human Zap-70 around the phosphorylation site of Tyrosine 319 (S-P-Yp-S-D).
Specificity:	This antibody detects endogenous levels of VEGFR2 only when phosphorylated at Tyrosine 1214.
Formulation:	PBS (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02% Sodium Azide and 50% Glycerol State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Predicted Protein Size:	70kd
Gene Name:	zeta chain of T cell receptor associated protein kinase 70kDa
Database Link:	<a href="#">Entrez Gene 7535 Human P43403</a>
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.



[View online »](#)

Synonyms: ZAP-70, ZAP 70, SRK

**Product images:**

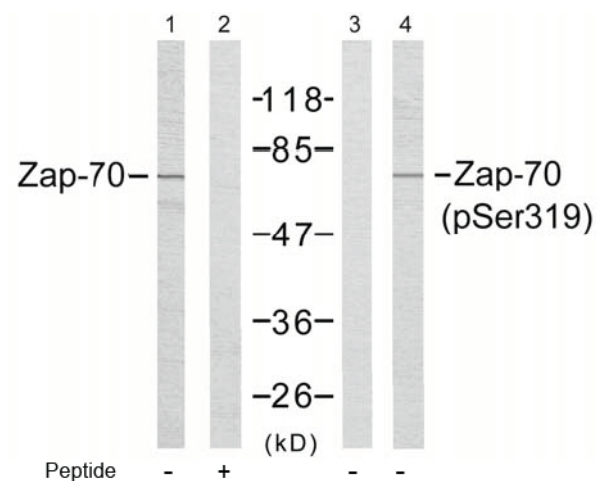


Figure 1. Western blot analysis of extract from Jurkat cells, using Zap-70 antibody ( Line 1 and 2) and Zap-70 (phospho-Tyr319) antibody (Line 3 and 4).

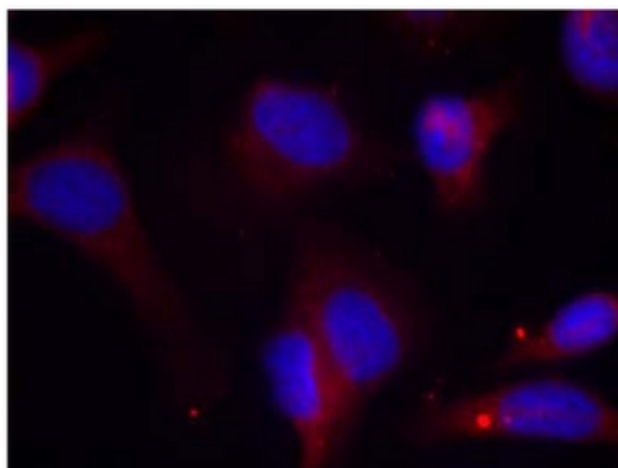


Figure 2. Immunofluorescence staining of methanol-fixed HeLa cells using Zap-70 (phospho-Tyr319) antibody (Red).