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## For Research Use Only. Not for Use in Diagnostic Procedures.

Phospho-Zap-70 (Tyr319)/Syk (Tyr352) (65E4) Rabbit mAb

Applications: WB, IF-IC, FC-FP	Reactivity: H M	Sensitivity: Endogenous	<b>MW (kDa):</b> 70, 72	Source/Isotype: Rabbit IgG	<b>UniProt ID:</b> #P43403, #P43405	Entrez-Gene Id: 7535, 6850	
Product Usage	Арр	Application Dilution					
Information	Wes	stern Blotting			1:1000		
	Imm	unofluorescence (	Immunocytochem	nistry)	1:200 -	1:800	
	Flov	v Cytometry (Fixed	/Permeabilized)		1:400 -	1:1600	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.					
	For a	carrier free (BSA	and azide free) ve	ersion of this product s	see product #31754.		
Specificity / Sensitiv		phosphorylated a			tects endogenous levels o us levels of Syk when pho		
Species predicted to react based on 100% sequence homology	6	Hamster, Chicken,	Bovine, Dog, Pig	, Horse			
Source / Purificatior		oclonal antibody is ues surrounding Ty		0	a synthetic phosphopeptide	e corresponding to	
Background	medi enga and t with	ating T cell activati gement, Zap-70 is ransphosphorylatio increased Zap-70 k	on in response to rapidly phosphor on by the Src fam kinase activity and	T cell receptor (TCR) ylated on several tyro ily tyrosine kinase Lck d downstream signalin	T and NK cells and plays a engagement (1). Followin sine residues through auto (2-6). Tyrosine phosphory g events. Expression of Za ymphocytic leukemia (7,8)	g TCR phosphorylation /lation correlates ap-70 is correlated	
Background Refere	2. lw: 3. Ne 4. Ch 5. Wi 6. Di 7. Wi	u, D.H. et al. (1998 ashima, M. et al. (1 sumeister, E.N. et a ian, A.C. et al. (199 lliams, B.L. et al. (20 Bartolo, V. et al. (200 espo, M. et al. (200	2994) Science 263 al. (1995) Mol Cell 25) EMBO J 14, 2 1999) EMBO J 18 2999) J Biol Chem 203) Blood 101, 4	3, 1136-9. / <i>Biol</i> 15, 3171-8. 499-508. 5, 1832-44. 9 274, 6285-94. 944-51.			
Species Reactivity	Speci	es reactivity is dete	ermined by testing	ı in at least one appro	ved application (e.g., west	ern blot).	
Western Blot Buffer		RTANT: For wester Tween® 20 at 4°C			d primary antibody in 5% v	w/v BSA, 1X TBS,	
Applications Key		Western Blotting IF P: Flow Cytometry		rescence (Immunocyte lized)	ochemistry)		
Cross-Reactivity Ke	X: Xe		B: bovine Dg: do	og <b>Pg:</b> pig <b>Sc:</b> S. cere	Mi: mink C: chicken Dm: visiae Ce: C. elegans Hr:		

Phospho-Zap-70 (Tyr319)/Syk (Tyr352) (65E4) Rabbit mAb (#2717) Datasheet Without Images Cell Signal...

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