

# Syk (D1I5Q) Rabbit mAb



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

Applications:Sensitivity:W, IP, IF-ICEndogenous	<b>MW (kDa):</b> 72	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #P43405	Entrez-Gene Id: 6850
	Application			Dilution
Information	Western Blotting			1:1000
	Immunoprecipitation			1:100
	Immunofluorescence (In	mmunocytochemistry)		1:6400
	Supplied in 10 mM sodiu 0.02% sodium azide. Sto	SA, 50% glycerol and less than		
	For a carrier free (BSA and azide free) version of this product see product #59946.			
Specificity/Sensitivity	Syk (D1I5Q) Rabbit mAb	recognizes endogenous le	evels of total Syk pro	tein.
		produced by immunizing a terminus of human Syk p		etic peptide corresponding to
	hematopoietic cells (1-3) located in the cytoplasm to downstream signaling differentiation, and phainvestigators have indicated by the company of the company of the company of the cells o	). Syk interacts with immunic domains of immune reage events that mediate divegocytosis (4). There is also ated that Syk is a potential ulatory phosphorylation si 23 provides a direct bindiration of PLCγ1 (8). Tyr525/526 sphorylation at Tyr525/526	noreceptor tyrosine- ceptors (4). It couple erse cellular response evidence of a role fo I tumor suppressor i ite within the SH2-king and Tyr526 are locate	lular signal transduction in based activation motifs (ITAMs) s the activated immunoreceptor es, including proliferation, or Syk in nonimmune cells and n human breast carcinomas (5). nase linker region in Syk. omain of Cbl (6,7). Tyr352 of Syk ed in the activation loop of the ivalent to Tyr519/520 of mouse
	<ol> <li>Cheng, A.M. and Chan, A.C. (1997) Curr Opin Immunol 9, 528-33.</li> <li>Kurosaki, T. (1997) Curr Opin Immunol 9, 309-18.</li> <li>Chu, D.H. et al. (1998) Immunol Rev 165, 167-80.</li> <li>Turner, M. et al. (2000) Immunol Today 21, 148-54.</li> <li>Coopman, P.J. et al. (2000) Nature 406, 742-7.</li> <li>Deckert, M. et al. (1998) J Biol Chem 273, 8867-74.</li> <li>Rao, N. et al. (2001) EMBO J 20, 7085-95.</li> <li>Law, C.L. et al. (1996) Mol Cell Biol 16, 1305-15.</li> <li>Zhang, J. et al. (2000) J Biol Chem 275, 35442-7.</li> </ol>			
Species Reactivity	Species reactivity is dete	ermined by testing in at lea	ast one approved ap	plication (e.g., western blot).

#### Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v nonfat dry milk, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

# **Applications Key**

W: Western Blotting IP: Immunoprecipitation IF-IC: Immunofluorescence (Immunocytochemistry)

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