1/1/24, 8:00 AM Revision 3

evision 3						
Phospho-FL Mouse mAb	T3 (Tyr591) (54H1)				ell Signalin	
Store				Orders:	877-616-CELL (23 orders@cellsignal.co	
0				Support:	877-678-TECH (83	
3400				Web:	info@cellsignal.co cellsignal.co	
#			3 Trask L	ane Danvers Ma	assachusetts 01923 U	
	for Use in Diagnostic Procedu		Coursellootomo		Future Cours Id	
Applications: Re WB	H M Endogenous nor	MW (kDa): 130 nglycosylated form;160 lycosylated nature form	Source/Isotype: Mouse IgG2b	UniProt ID: #P36888	Entrez-Gene Id 2322	
Product Usage	Application			Dilution		
nformation	Western Blotting			1:1000		
Storage	Supplied in 10 mM sodium I 0.02% sodium azide. Store		,		lycerol and less than	
Specificity / Sensitivit	 Phospho-FLT3 (Tyr591) (54 at tyrosine 591. The antibod 	,				
Source / Purification	Monoclonal antibody is proc the sequences surrounding			synthetic phosphop	eptide corresponding to	
Background	FMS-related tyrosine kinase kinase family, which include hematopoietic progenitor ce (1,2). FLT3 is activated after autophosphorylation and tyr kinase, SHP2, GRB2, and S Tyr589/591 is located in the FLT3 tyrosine kinase activity occur in 20% of patients wit	s c-Kit, PDGFF ells and support r binding with it: rosine phospho Shc have all bee juxtamembran y. Somatic muta	e, and M-CSF receptor s growth and different s ligand FL, which res rylation of downstrean en reported to associa e region of FLT3 and rations of FLT3 consisti ations of FLT3 consisti	rs. FLT3 is express iation within the he ults in a cascade o n substrates (3). Th te with FLT3 after f may play an import	ed on early matopoietic system f tyrosine ne p85 subunit of PI3 FL stimulation (4-6). ant role in regulation of	
Background Referenc	 Shurin, M.R. et al. (1998) Naoe, T. et al. (2001) <i>Car</i> Namikawa, R. et al. (1996) Beslu, N. et al. (1996) <i>J E</i> Zhang, S. and Broxmeyer Zhang, S. et al. (1999) <i>J I</i> Mizuki, M. et al. (2000) <i>Bi</i> 	ncer Chemothen 6) Stem Cells 1 8iol Chem 271, r, H.E. (2000) B Leukoc Biol 65,	r Pharmacol 48 Suppl 4, 388-95. 20075-81. biochem Biophys Res 372-80.	1, S27-30.	-9.	
Species Reactivity	Species reactivity is determin	ned by testing in	n at least one approve	d application (e.g.,	western blot).	
Vestern 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	WB: Western Blotting					
Cross-Reactivity Key	X: Xenopus Z: zebrafish B: b	H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse GP: Guinea Pig Rab: rabbit All: all species expected				
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://www.cellsignal.com/da	tasheet.jsp?productId=3466&	•				

Phospho-FLT3 (Tyr591) (54H1) Mouse mAb (#3466) Datasheet Without Images Cell Signaling Technology

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