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Phospho-CSF-1R/M-CSF-R (Tyr699) (D10B11) Rabbit mAb

Applications: WB, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 175	Source/Isotype: Rabbit IgG	UniProt ID: #P07333	Entrez-Gene Id: 1436	
Product Usage Information	We	oplication estern Blotting imunoprecipitation			Dilution 1:1000 1:100		
Storage		•		7.5), 150 mM NaCl, 100 not aliquot the antibody		erol and less than	
Specificity / Sensitivity		Phospho-CSF-1R/M-CSF-R (Tyr699) (D10B11) Rabbit mAb detects endogenous levels of CSF-1R/M- CSF-R only when phosphorylated at Tyr699. This antibody may cross-react with other activated tyrosine kinases including PDGF receptors and EGFR.					
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Tyr699 of human CSF-1R/M-CSF-R protein.					
Background	enc thei its r resi tyrc Pho Tyrt phe poc Pho Pho pub	coded by the <i>c-fms</i> pro- ir progenitors) and dri receptor induces rece- idues used as docking ospine autophosphoryla osphorylated Tyr723 t 809 provides a docking enotype in various cel- or outcome in advance osphorylation of M-CS osphoScan [®] , CST's L	oto-oncogene. N ives growth and ptor dimerization g sites for SH2-c ation sites. Tyr72 binds the p85 su ng site for Shc (5 I systems (6). Th ed epithelial ova GF receptor on T C-MS/MS platfo osphorylation at	I-CSF, CSF-1) receptor <i>A</i> -CSF receptor is expre- development of this blo- n, activation, and autoph containing signaling prot 23 (Tyr721 in mouse) is bunit of PI3 kinase as w 5). Overactivation of this ne activated M-CSF rece rian carcinoma (7) and I yr669 was identified at 0 rm for phosphorylation s Tyr699 in the kinase ins (9).	ssed in monocytes (ma od cell lineage (1-3). B hosphorylation of cytop eins (4). There are at l ocated in the kinase ir ell as PLCy2 (5). Phos receptor can lead to a eptor has been shown breast cancer (8). Cell Signaling Technolo site discovery, as well a	acrophages and inding of M-CSF to plasmic tyrosine east five major nsert (KI) region. sphorylation of malignant to be a predictor of ogy (CST) using as in another	
Background Refe	2. E 3. E 4. N 5. E 6. M 7. T 8. N 9. F	Stanley, E.R. et al. (198 Byrne, P.V. et al. (1982 Bourette, R.P. and Rol Novak, U. et al. (1996) Bourette, R.P. et al. (19 Morley, G.M. et al. (19 Toy, E.P. et al. (2001) Maher, M.G. et al. (19 Hamilton, J.A. (1997) Downing, J.R. et al. (1	1) J Cell Biol 91, hrschneider, L.R) Oncogene 13, 997) EMBO J 16 99) Oncogene 1 Gynecol Oncol 8 98) Clin Cancer J Leukoc Biol 62	848-53. 2. (2000) Growth Factors 2607-13. 5, 5880-93. 8, 3076-84. 30, 194-200. Res 4, 1851-6. 2, 145-55.	17, 155-66.		
Species Reactivit	y Spec	cies reactivity is deter	mined by testing	g in at least one approve	d application (e.g., we	estern blot).	
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.					
Applications Key Cross-Reactivity		: Western Blotting IP	: Immunoprecipi	tation			

1/1/24, 2:19 PM	 Phospho-CSF-1R/M-CSF-R (Tyr699) (D10B11) Rabbit mAb (#12251) Datasheet Without Images Cell Signalin 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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