e at -20C	N-WASP (30D10) Rabbit mAb	C T	Cell Signaling	
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	activity: ? Hm Mk B	Sensitivity: Endogenous	MW (kDa): 65	Source/Isotype: Rabbit	UniProt ID: #000401	Entrez-Gene Id: 8976		
Product Usage Information	Weste	cation ern Blotting noprecipitation			Dilution 1:1000 1:50			
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitivity		N-WASP (30D10) Rabbit mAb recognizes endogenous levels of total N-WASP protein. The antibody does not cross-react wth the hematopietic protein, WASP.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding the sequence of human N-WASP.						
Background	nucleat membe autoinh autoinh protein domair essenti embryc WAVE- WAVE- system adenoc	tion complex in re ers have been des hibited in unstimul hibition in conjunc is are similar in se and are indirec ial, as knockout o ponic lethality (2,3) 2 (WASF2) is wid -3 may act as a tu n (6). Increased ex- carcinoma cells in	sponse to activa scribed. Hemato ated cells. Upon tion with phosph quence to WAS tly activated by F f either N-WASP Loss of WASP lely distributed, v mor suppressor cpression of WAV dicate that WAV	SPs) mediate actin dynar ated Rho family GTPase poietic WASP and ubiqu stimulation they are act hatidyl inositol 4,5-bispho P and N-WASP but lack Rac (reviewed in 1). Both P or Scar-2 in mice result results in immune syste while WAVE-1 and WAVI in neuroblastoma, a chi VE-3 is seen in breast car E-3 regulates breast car in kinase (MAPK) pathw	s. In mammals, five W itously expressed N-W ivated by cdc42, which sphate. Three WAVE the WASP/N-WASP a n WASP and WAVE fu ts in cardiac and neuro m defects and fewer in E-3 are strongly expre- ldhood disease of the ancer, and studies in b incer progression, invas	ASP family VASP are n relieves the (Wasf, SCAR) family utoinhibition nctions appear to be onal defects and nmune cells (4). ssed in brain (5). sympathetic nervous reast		
Background Reference	2. Yan, 3. Snap 4. Zhar 5. Suet 6. Soss 7. Soss	sey-Alaoui, K. et a sey-Alaoui, K. et a	MBO J. 22, 360 001) Nat. Cell B J. Exp. Med. 19 999) Biochem. B I. (2002) Oncog I. (2005) Exp. C	2-3612. tiol. 3, 897-904.	260, 296-302.			
Species Reactivity	Species	reactivity is deter	rmined by testing	g in at least one approve	ed application (e.g., we	estern 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	WB : W	estern Blotting IP	: Immunoprecipi	tation				
Cross-Reactivity Key	X: Xeno	 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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N-WASP (30D10) Rabbit mAb (#4848) Datasheet Without Images Cell Signaling Technology

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