Revision 4			
Phospho-Met (Tyr1003) (13D11) Rabbit mAb	C C	ell Signaling	
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Applications: W	Reactivity: H M R	Sensitivity: Endogenous	MW (kDa): 145	Source/Isotype: Rabbit IgG	UniProt ID: #P08581	Entrez-Gene Io 4233		
Product Usage Information		Application Western Blotting			Dilution 1:1000			
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.						
		For a carrier free (BSA and azide free) version of this product see product #59570.						
Specificity/Sensitivity		Phospho-Met (Tyr1003) (13D11) Rabbit mAb detects endogenous levels of Met only when phosphorylated at Tyr1003. This antibody may cross-react with other activated protein tyrosine kinases.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Tyr1003 of human Met.						
Background		factor) is a disulfide-l and the amino-termi chain spans the plasi Interaction of Met wi downstream signalin events are important phosphate at cytopla Phosphorylation at T Phosphorylation at T Research studies hav several types of tumo	inked heterodimer i nal region of the β - ma membrane and th HGF results in au g components, incl g components, incl ror all of the biolog ismic Tyr1003 is ess yr1234/1235 in the yr1349 in the Met cy re shown that altere ors, including renal,	tor for hepatocyte grow made of 45 kDa α- and 1 subunit form the extrace contains a cytoplasmic re tophosphorylation at m uding Gab1, c-Cbl, and P ical functions involving l ential for Met protein ub Met kinase domain is cri toplasmic domain provi d Met levels and/or tyro colon, and breast. Thus, titic and diagnostic targe	45 kDa β-subunits (Ilular domain. The i egion with tyrosine ultiple tyrosines, wh I3 kinase (3). These Met kinase activity. iquitination and de tical for kinase activit des a direct binding sine kinase activitie investigators have	1,2). The α-subunit remainder of the β- kinase activity. nich recruit several fundamental The addition of a gradation (4). vation. g site for Gab1 (5). s are found in		
Background Re	eferences	1. Cooper, C.S. et al. (2. Bottaro, D.P. et al. (3. Bardelli, A. et al. (1 4. Taher, T.E. et al. (20 5. Schaeper, U. et al. (200 7. Sattler, M. and Salo	(1991) <i>Science</i> 251, 997) <i>Oncogene</i> 15, 002) <i>J Immunol</i> 169, (2000) <i>J Cell Biol</i> 149 9) <i>Clin Cancer Res</i> 1	802-4. 3103-11. 3793-800. , 1419-32.				
Species Reactiv	/ity	Species reactivity is d	letermined by testin	g in at least one approv	ed application (e.g.,	western blot).		
Western Blot B	uffer			membrane with diluted with gentle shaking, over		n 5% w/v nonfat		
Applications Ke	ey	W: Western Blotting						
Cross-Reactivit	y Key	H: Human M: Mouse R: Rat						
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