e at -20C	GSTP1 (3F2) Mouse mAb	C T			
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
39		Support:	877-678-TECH (8324)		
¢3369		Web:	info@cellsignal.com cellsignal.com		
#		3 Trask Lane   Danvers   N	lassachusetts   01923   USA		

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

Applications: WB, IHC-P, IF-IC	Reactivity: H Mk	Sensitivity: Endogenous	<b>MW (kDa):</b> 23	Source/Isotype: Mouse IgG1	UniProt ID: #P09211	Entrez-Gene Id 2950		
Product Usage	A	Application			Dilution			
nformation	W	Western Blotting			1:1000			
	Im	nmunohistochemistry	(Paraffin)		1:400	) - 1:1600		
	Im	Immunofluorescence (Immunocytochemistry)			1:100			
Storage				7.5), 150 mM NaCl, 100 o not aliquot the antibody		erol and less than		
	For	r a carrier free (BSA	and azide free) v	ersion of this product se	e product #10130.			
Specificity / Sensitivity		GSTP1 (3F2) Mouse mAb detects endogenous levels of total GSTP1 protein. The antibody does not cross react with GST-tagged proteins.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with recombinant GSTP1 protein.						
Background	cor pes ζ, a GS ma GS	njugation to thiol-redu sticides, carcinogens and $\omega$ ) are identified, STP1 (GST $\pi$ ) is over urker in tumor tissues STP1 gene polymorph	uced glutathione ) and oxidative si while only GST-( expressed in earl (3). GSTP1 direct nisms affect subs	family of isoenzymes th (GSH). Thus, they are c tress (1). Eight isoforms $\alpha$ , - $\mu$ , and - $\pi$ are describ y stages of carcinogene ctly inhibits TRAF2 and trate selectivity and stat the susceptibility to Parl	ritical in protecting cel of cytosolic-soluble G ed in the central nerve sis and can be used a JNK but not NF-kB (4, pility, and the oxidative	Is from toxins (drugs, STs ( $\alpha$ , $\kappa$ , $\mu$ , $\pi$ , $\sigma$ , $\theta$ , pus system (2). Is a neoplastic 5). Corresponding		
Background References		<ol> <li>Hayes, J.D. et al. (2005) Annu Rev Pharmacol Toxicol 45, 51-88.</li> <li>Mannervik, B. et al. (2005) Methods Enzymol 401, 1-8.</li> <li>Ali-Osman, F. et al. (1997) Clin Cancer Res 3, 2253-61.</li> <li>Elsby, R. et al. (2003) J Biol Chem 278, 22243-9.</li> <li>Wu, Y. et al. (2006) Oncogene 25, 5787-800.</li> <li>Castro-Caldas, M. et al. (2009) J Mol Neurosci 38, 114-27.</li> </ol>						
Species Reactivity	Spe	cies reactivity is dete	ermined 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		<b>WB:</b> Western Blotting <b>IHC-P:</b> Immunohistochemistry (Paraffin) <b>IF-IC:</b> Immunofluorescence (Immunocytochemistry)						
Cross-Reactivity Ke	<b>X</b> : ×	<ul> <li>H: human M: mouse R: rat Hm: hamster Mk: monkey Vir: virus Mi: mink C: chicken Dm: D. melanogaster</li> <li>X: Xenopus Z: zebrafish B: bovine Dg: dog Pg: pig Sc: S. cerevisiae Ce: C. elegans Hr: horse</li> <li>GP: Guinea Pig Rab: rabbit All: all species expected</li> </ul>						
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