e at -20C	NQO1 (A180) Mouse mAb	T E		
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com	
37		Support:	877-678-TECH (8324)	
3187		Web:	info@cellsignal.com cellsignal.com	
#		ask Lane Danvers Ma	ssachusetts 01923 USA	

For Research Use Only. Not for Use in Diagnostic Procedures. Applications: Reactivity: Sensitivity: MW (kDa): Source/Isotype: UniProt ID:

Applications: WB, IHC-P, IF-IC	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 29	Source/Isotype: Mouse IgG1	UniProt ID: #P15559	Entrez-Gene Id 1728		
Product Usage	Ap	plication				Dilution		
Information	We	estern Blotting				1:1000		
	Im	munohistochemistry	/ (Paraffin)			1:50		
	Im	munofluorescence (Immunocytochen	nistry)		1:400		
Storage				7.5), 150 mM NaCl, 100 o not aliquot the antibody		cerol and less than		
Specificity / Sensit	i vity NQ	NQO1 (A180) Mouse mAb detects endogenous levels of total NQO1 protein.						
Source / Purificatio	NQ	NQO1 (A180) Mouse mAb is produced by immunizing mice with purified recombinant human NQO1.						
Background	quir (1,3 can dev NQ rest	nones and their deri b). The expression of cer (NSCLC) compa- eloping tumors, sug O1 knockout mice s ulting in a reduction	vatives (1,2). This f NQO1 is increas ared with the norr gesting a role for uggest that the la in apoptosis, whi	201) is a flavoprotein that s enzyme protects cells sed in liver, colon and b nal tissues (1,2). Moreo NQ01 in the prevention tok of NQ01 enzymatic ch in turn leads to myelo	against redox cycling reast tumors and non ver, expression levels n of tumor developme activity changes intra pid hyperplasia of bor	and oxidative stress n-small cell lung s are also elevated in ent (1). Studies on acellular redox states		
Background Refere	2. S	elinsky, M. and Jais iegel, D. et al. (199 ong, D.J. et al. (200	8) Clin. Cancer R	·	12, 103-117.			
Species Reactivity	Spec	cies reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., v	vestern blot).		
Western Blot Buffe		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		: Western Blotting II C: Immunofluoresce		stochemistry (Paraffin) ochemistry)				
Cross-Reactivity K	X : X		B: bovine Dg: d	Mk: monkey Vir: virus I og Pg: pig Sc: S. cerevi es expected				
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