ACO2 (D6D9) XP [®] Rabbit mAb			
Store	Orders:	877-616-CELL (2355) orders@cellsignal.com	
	Support:	877-678-TECH (8324)	
#6571	Web:	info@cellsignal.com cellsignal.com	
	3 Trask Lane Danvers Mas	sachusetts 01923 USA	
For Research Use Only. Not for Use in Diagnostic Procedures.			

Applications: WB, IP, IF-IC	Reactivity: H M R Hm Mk	Sensitivity: Endogenous	MW (kDa): 85	Source/Isotype: Rabbit IgG	UniProt ID: #Q99798	Entrez-Gene Id 50	
Product Usage Information		plication				Dilution	
		stern Blotting				1:1000	
		nunoprecipitation	(Immunos toshor	niotral		1:50	
		nunofluorescence		.,		1:200	
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 / Sensi	tivity ACC	ACO2 (D6D9) $XP^{ extsf{B}}$ Rabbit mAb recognizes endogenous levels of total ACO2 protein.					
Source / Purificati		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Gly540 of human ACO2 protein.					
Background	the t cells	ricarboxylic acid (T	CA) cycle (1,2). A research studies	ersion of citrate to isocitr ACO2 is also an importa have shown that this en	nt regulator of iron he	omeostasis within	
Background Refe	2. M 3. M 4. R	irel, D.B. et al. (199 yers, C.R. et al. (20 ötig, A. et al. (1997	98) Gene 213, 20 010) Free Radic E) Nat Genet 17, 2	Biol Med 49, 1903-15.	-59.		
Species Reactivity	/ Spec	ies reactivity is det	ermined by testin	g in at least one approve	ed application (e.g., v	vestern blot).	
Western Blot Buff		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	WB:	Western Blotting I	P: Immunoprecip	itation IF-IC: Immunoflu	prescence (Immunoc	ytochemistry)	
Cross-Reactivity H	X: Xe	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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