e at -20C	GDF15/MIC1 (Y60) Antibody		Cell Signaling		
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#		3 Trask Lane   Danvers   Ma	ssachusetts   01923   USA		

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Applications: WB	Reactivity: H	Sensitivity: Endogenous	<b>MW (kDa):</b> 35	Source: Rabbit	UniProt ID: #Q99988	Entrez-Gene Id: 9518
Product Usage Information		pplication estern Blotting			Dilution 1:1000	
Storage		pplied in 10 mM sodii °C. Do not aliquot the		5), 150 mM NaCl, 10	0 μg/ml BSA and 50% g	lycerol. Store at –
Specificity / Sensit	ivity GD	0F15/MIC1 (Y60) Anti	body detects endo	genous levels of the	precursor form of GDF1	5/MIC1.
Species predicted react based on 100 sequence homolog	)%	nkey				
Source / Purificatio	res	•			h a synthetic peptide cor s are purified by protein /	
Background	NA fan inv RX exp and (7) p53	G-1 (5), is a diverger nily members, Mic-1 i olving removal of an XR site, generating a pressed in the placen d cancer. In the brain . It is also a transcript 3 activity (8,9). During	It member of the tr s synthesized as a N-terminal hydroph an active C-termina ta and is also dram , Mic-1 is found in t tional target of the g tumor progression	ansforming growth f n inactive precursor nobic signal sequend I domain that is sect natically increased b the choroid plexus a p53 tumor suppress n, Mic-1 has various	(1), PTGF- $\beta$ (2), PLAB ( actor- $\beta$ (TGF- $\beta$ ) superfar that undergoes proteoly ce followed by cleavage reted as a dimeric protein y cellular stress, acute ir nd is secreted into the co or protein and may serve effects on apoptosis, dif ght loss during cancer (1)	mily (6). Like other tic processing at a conserved n. Mic-1 is highly njury, inflammation, erebrospinal fluid e as a biomarker for fferentiation,
Background Refere	2. \ 3.   4.   5.   6.   7. \ 8.   9. \ 10. \	Strelau, J. et al. (2000 Yokoyama-Kobayashi Hromas, R. et al. (199 Paralkar, V.M. et al. (1 Baek, S.J. et al. (2002 Bootcov, M.R. et al. (2000 Kannan, K. et al. (2003) Johnen, H. et al. (2003) Bauskin, A.R. et al. (20	, M. et al. (1997) J 97) Biochim Biophy 1998) J Biol Chem 1) J Biol Chem 276 1997) Proc Natl Acc 0) J Neural Transm 00) FEBS Lett 470, Mol Cancer Ther 2 17) Nat Med 13, 133	Biochem 122, 622- rs Acta 1354, 40-4. 273, 13760-7. a, 33384-92. ad Sci USA 94, 115. Suppl, 273-6. 77-82. 2, 1023-9. 33-40.		
Species Reactivity	Spe	cies reactivity is dete	rmined by testing i	n at least one appro	ved application (e.g., we	stern blot).
Western Blot Buffe		ORTANT: For wester % Tween® 20 at 4°C			d primary antibody in 5%	6 w/v BSA, 1X TBS,
Applications Key	WE	3: Western Blotting				
Cross-Reactivity K	ey					

1/1/24, 11:19 AM	GDF15/MIC1 (Y60) Antibody (#3249) Datasheet Without Images Cell Signaling Technology 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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