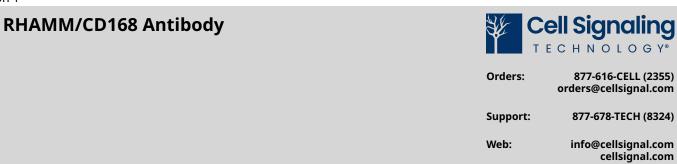
-20C

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

Applications: W, IP	Reactivity: H	Sensitivity: Endogenous	MW (kDa): 85	Source/Isotype: Rabbit	UniProt ID: #075330	Entrez-Gene Id: 3161
Product Usage Information Storage	2	Application Western Blotting Immunoprecipitation Supplied in 10 mM sod		5), 150 mM NaCl, 100 μg.	Dilution 1:1000 1:100 /ml BSA and 50% gl	ycerol. Store at –
Specificity/Sensitivity		20°C. Do not aliquot the antibody. RHAMM/CD168 Antibody recognizes endogenous levels of total RHAMM/CD168 protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy terminus of human RHAMM/CD168 protein. The antigenic peptide spans a region that is 100% conserved among the four isoforms of RHAMM/CD168 reported in Uniprot. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		identified as a putative RHAMM/CD168 is func RHAMM/CD168 does n so is not targeted exclu reportedly exported to (e.g., TGF-β) (2, 3), whe spindle regulation (4). proteins that regulate RHAMM/CD168 is posi	e receptor for hyalu tionally similar to not contain a transi usively to the cell n the cell membran treas others have b Cell surface RHAM cell motility (1). Nu tively associated w ed inflammation (8	otility (RHAMM, known a pronic acid (HA) that more the HA receptor CD44; h membrane domain or a membrane (1). RHAMM/C e in response to signalir geen implicated in intrac M/CD168 is localized to merous research studie ith cancer cell growth, n b), suggesting the potent r,10).	dulated HA-mediate owever in contrast f signal peptide leade D168 has multiple ng by growth factors ellular functions inc membrane ruffles, s have reported tha notility and/or meta	ed cell motility (1). to CD44, er sequence, and isoforms; some are s and cytokines duding mitotic consistent with t the expression of istasis (5-7), in
Background R	eferences	1. Hardwick, C. et al. (1 2. Samuel, S.K. et al. (1 3. Naor, D. (2016) <i>Front</i> 4. Tolg, C. et al. (2010) 5. Mele, V. et al. (2017) 6. Morera, D.S. et al. (2 7. Wang, D. et al. (2016 8. Hauser-Kawaguchi, 9. Wong, K.M. et al. (2017)	993) J Cell Biol 123 t Immunol 7, 39. J Biol Chem 285, 26 Oncotarget 8, 706 017) Br J Cancer 11 5) Oncotarget 7, 39 A. et al. (2018) Mat 017) Curr Oncol Rej	, 749-58. 5461-74. 17-29. 7, 1507-17. 957-69. <i>rix Biol</i> 78-79, 346-56. p 19, 47.		
Species Reacti	vity	Species reactivity is de	termined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		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		W: Western Blotting IP: Immunoprecipitation				
Cross-Reactivity Key		H: Human				
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