e at -20C	Integrin β5 (D24A5) Rabbit mAb				
Store		Orders:	877-616-CELL (2355) orders@cellsignal.com		
6		Support:	877-678-TECH (8324)		
#3629		Web:	info@cellsignal.com cellsignal.com		
#		3 Trask Lane Danvers	Massachusetts 01923 USA		

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

Applications: WB, IP, IF-IC	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 90	Source/Isotype: Rabbit IgG	UniProt ID: #P18084	Entrez-Gene Id: 3693		
Product Usage Information	Wes	lication tern Blotting unoprecipitation unofluorescence (l	Immunocytochen	nistry)		Dilution 1:1000 1:50 1:1600		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.						
Specificity / Sensitiv	r ity Integr	Integrin β 5 (D24A5) Rabbit mAb detects endogenous levels of total integrin β 5 protein.						
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Lys789 of human integrin β 5 protein.						
Background Background Referer	as we 24 kn only t sense The o fibrob in the factor regula 3. var 4. Pas 5. Plo 6. Sun 7. En	ell as in growth and own integrins havi transmit signals to e intracellular cues $\alpha V\beta5$ integrin is exp blasts (4). It plays a rinvasion of glioma r-induced tumor an ates endothelial ce od, J.D. and Chere , S. et al. (2000) <i>J.</i> n der Flier, A. and S squalini, R. et al. (2000) n, L.C. et al. (2007) ns, A. et al. (2005)	d survival (1,2). T ng distinct tissue cells in response to alter their inte pressed in variou a role in matrix ac as and metastatic gigogenesis, whe Il proliferation an esh, D.A. (2002) <i>Cell Sci.</i> 113, 35 Sonnenberg, A. (1 1993) J. Cell Sci. D J. Biol. Chem. Cancer Lett. 24 Eur. J. Cancer 4	Nat. Rev. Cancer 2, 91- 63-3571. 2001) Cell Tissue Res. 105, 101-111. 275, 21785-21788. 6, 157-166.	ins at least 18 α and 8 oping ligand specificiti ironment (outside-in s r environment (inside , including endothelia RC and bone sialopro αVβ5 integrin plays a by the αVβ5 integrin 100.	B β subunits that form es (3). Integrins not signaling), but also -out signaling) (1,2). , epithelia and otein (5) and functions major role in growth-		
Species Reactivity	Specie	es reactivity is dete	ermined by testing	g in at least one approve	ed application (e.g., w	vestern blot).		
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TE 0.1% Tween® 20 at 4°C with gentle shaking, overnight.						
Applications Key	WB: \	Western Blotting IF	: Immunoprecipi	tation IF-IC: Immunoflu	orescence (Immunoc	ytochemistry)		
Cross-Reactivity Ke	X: Xer		B: bovine Dg: de	Mk: monkey Vir: virus I og Pg: pig Sc: S. cerevi es expected		0		
Trademarks and Patents		er trademarks are		of Cell Signaling Techno neir respective owners.		ademarks for more		
Limited Uses								

Integrin β 5 (D24A5) Rabbit mAb (#3629) Datasheet Without Images Cell Signaling Technology

Except as otherwise expressly agreed in a writing signed by a legally authorized representative of CST, the following terms apply to Products provided by CST, its affiliates or its distributors. Any Customer's terms and conditions that are in addition to, or different from, those contained herein, unless separately accepted in writing by a legally authorized representative of CST, are rejected and are of no force or effect.

Products are labeled with For Research Use Only or a similar labeling statement and have not been approved, cleared, or licensed by the FDA or other regulatory foreign or domestic entity, for any purpose. Customer shall not use any Product for any diagnostic or therapeutic purpose, or otherwise in any manner that conflicts with its labeling statement. Products sold or licensed by CST are provided for Customer as the end-user and solely for research and development uses. Any use of Product for diagnostic, prophylactic or therapeutic purposes, or any purchase of Product for resale (alone or as a component) or other commercial purpose, requires a separate license from CST. Customer shall (a) not sell, license, loan, donate or otherwise transfer or make available any Product to any third party, whether alone or in combination with other materials, or use the Products to manufacture any commercial products, (b) not copy, modify, reverse engineer, decompile, disassemble or otherwise attempt to discover the underlying structure or technology of the Products, or use the Products for the purpose of developing any products or services that would compete with CST products or services, (c) not alter or remove from the Products any trademarks, trade names, logos, patent or copyright notices or markings, (d) use the Products solely in accordance with CST Product Terms of Sale and any applicable documentation, and (e) comply with any license, terms of service or similar agreement with respect to any third party products or services used by Customer in connection with the Products.