878

Phospho-Vimentin (Ser83) Antibody



Orders: 877-616-CELL (2355) orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

info@cellsignal.com cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

Applications: W	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 57	Source/Isotype: Rabbit	UniProt ID: #P08670	Entrez-Gene Id: 7431
Product Usage Information		Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		Phospho-Vimentin (Ser83) Antibody detects endogenous levels of vimentin only when phosphorylated at Ser83.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Ser83 of human vimentin. Antibodies are purified by peptide affinity chromatography.				
Background						
Background References		1. Eng, L.F. et al. (2000) Neurochem Res 25, 1439-51. 2. Goebel, H.H. et al. (1987) Acta Histochem Suppl 34, 81-93. 3. Leader, M. et al. (1987) Histopathology 11, 63-72. 4. Helfand, B.T. et al. (2004) J Cell Sci 117, 133-41. 5. Tang, D.D. et al. (2005) Biochem J 388, 773-83. 6. Fomina, I.G. et al. (1990) Klin Med (Mosk) 68, 125-7. 7. Nieminen, M. et al. (2006) Nat Cell Biol 8, 156-62. 8. Yamaguchi, T. et al. (2005) J Cell Biol 171, 431-6. 9. Oguri, T. et al. (2006) Genes Cells 11, 531-40. 10. Zhu, Q.S. et al. (2011) Oncogene 30, 457-70. 11. Xue, G. and Hemmings, B.A. (2013) J Natl Cancer Inst 105, 393-404. 12. Yamaguchi, T. et al. (2005) J Cell Biol 171, 431-436.				

13. Oguri, T. et al. (2006) *Genes Cells* 11, 531-540.

Western Blot Buffer 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 W: Western Blotting

Cross-Reactivity Key H: Human M: Mouse R: Rat Mk: Monkey

Trademarks and Patents Cell Signaling Technology is a trademark of Cell Signaling Technology, Inc.

All other trademarks are the property of their respective owners. Visit cellsignal.com/trademarks for

more information.

Limited UsesExcept 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.