

## Phospho-PDGF Receptor α (Tyr1018) Antibody



Orders: 877-616-CELL (2355)

orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: 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	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 190	<b>Source/Isotype:</b> Rabbit	UniProt ID: #P16234	Entrez-Gene Id: 5156
Product Usage Information		<b>Application</b> Western Blotting		<b>Dilution</b> 1:1000		
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		Phospho-PDGF Receptor α (Tyr1018) Antibody detects PDGFRα only when phosphorylated at Tyr1018. The antibody does not cross-react with activated PDGFRβ. But it may cross-react with other tyrosine phosphorylated protein tyrosine kinases including EGF receptor.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic phosphopeptide corresponding to residues surrounding Tyr1018 of human PDGFRa. Antibodies are purified by protein A and peptide affinity chromatography.				
Background						
Background References		2. Bergsten, E. et al. (2 3. Betsholtz, C. et al. (2 4. Coughlin, S.R. et al. 5. Ostman, A. and Hel 6. Panayotou, G. et al. 7. Ramalingam, K. et a	. (1988) Biofactors 1, 213-217. al. (2001) Nat. Cell Biol. 3, 512-516. al. (2001) Bioessays 23, 494-507. et al. (1988) Prog. Clin. Biol. Res. 266, 39-45. d Heldin, C.H. (2001) Adv. Cancer Res. 80, 1-38. et al. (1992) EMBO J. 11, 4261-4272. f. et al. (1995) Bioorg. Med. Chem. 3, 1263-1272. et al. (1992) EMBO J. 11, 1373-1382.			

**Species Reactivity** 

Species reactivity is determined by testing in at least one approved 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

Cross-Reactivity Key H: Human M: Mouse

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