## PDGF Receptor $\alpha$ (D1E1E) $XP^{\otimes}$ Rabbit mAb



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

<b>Applications:</b> W, IP, IHC-P, IF-IC, FC-FP	Reactivity: H M	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 190	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #P16234	<b>Entrez-Gene Id:</b> 5156
Product Usage Information		Application Western Blotting Immunoprecipitation Immunohistochemistry (Paraffin) Immunofluorescence (Immunocytochemistry) Flow Cytometry (Fixed/Permeabilized)			<b>Dilution</b> 1:1000 1:50 1:500 - 1:2000 1:1000 1:500 - 1:2000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		For a carrier-free (BSA and azide free) version of this product see product #32641. PDGF Receptor $\alpha$ (D1E1E) XP® Rabbit mAb detects endogenous levels of PDGFR $\alpha$ . This antibody may cross-react with PDGFR $\beta$ at overexpressed levels. Nuclear staining has been observed with this antibody in certain tissues. The specificity of this staining is unknown.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the carboxy-terminal sequence of human PDGFR $\alpha$ .				
Background						
1. Deuel, T.F. et al. (1988) <i>Biofactors</i> 1, 213-217. 2. Bergsten, E. et al. (2001) <i>Nat. Cell Biol.</i> 3, 512-516. 3. Betsholtz, C. et al. (2001) <i>Bioessays</i> 23, 494-507. 4. Coughlin, S.R. et al. (1988) <i>Prog. Clin. Biol. Res.</i> 266, 39-45. 5. Ostman, A. and Heldin, C.H. (2001) <i>Adv. Cancer Res.</i> 80, 1-38. 6. Panayotou, G. et al. (1992) <i>EMBO J.</i> 11, 4261-4272. 7. Ramalingam, K. et al. (1995) <i>Bioorg. Med. Chem.</i> 3, 1263-1272. 8. Kashishian, A. et al. (1992) <i>EMBO J.</i> 11, 1373-1382.						

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 IHC-P: Immunohistochemistry (Paraffin) IF-IC:

Immunofluorescence (Immunocytochemistry) **FC-FP:** Flow Cytometry (Fixed/Permeabilized)

Cross-Reactivity Key H: Human M: Mouse

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