

Phospho-PDGF Receptor alpha (Tyr849) Ab

[References\(2\)](#) [Images\(2\)](#)

Cat.#: AF3190
Size:

Concn.: ~1mg/ml
Source: Rabbit

Mol.Wt.: 140kDa
Clonality: Polyclonal

Application:

IF/ICC 1:100-1:500, WB 1:500-1:2000

*The optimal dilutions should be determined by the end user.

Reactivity:

Human, Mouse, Rat

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification:

The Ab is from purified rabbit serum by affinity purification via sequential chromatography on phospho-peptide and non-phospho-peptide affinity columns.

Immunogen:

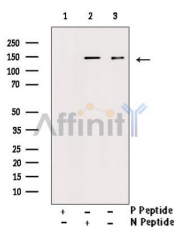
A synthesized peptide derived from human PDGF Receptor alpha around the phosphorylation site of Tyr849.

Uniprot:

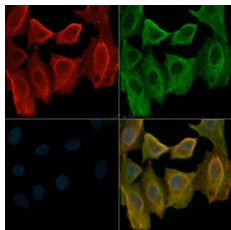
P16234

Description:

This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin.



Western blot analysis of Phospho-PDGF α (Tyr849) Ab expression in 293 cells lysates. The lane on the right was treated with the antigen-specific peptide.



AF3190 staining A549 cells (H₂O₂ treatment) by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab (#AF3190) and mouse anti-beta tubulin Ab (#T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG Ab (Red) and an AlexaFluor488 conjugated goat anti-mouse IgG Ab (Green) were used as the secondary Ab.

The nuclear counter stain is DAPI (blue).

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



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