

## Phospho-PDGF Receptor beta (Tyr771) Ab

[Images\(2\)](#)

Cat.#: AF3134                              Concn.: ~1mg/ml                              Mol.Wt.: 124kDa  
Size:    Source: Rabbit                                      Clonality: Polyclonal

Application:                              WB 1:500-1:2000, IF/ICC 1:100-1:500  
\*The optimal dilutions should be determined by the end user.

Reactivity:                                      Human,Rat

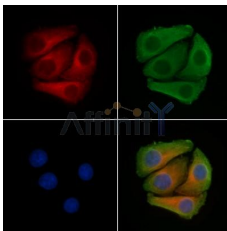
Storage:                                        Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

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 beta around the phosphorylation site of Tyr771.

Uniprot:                                        P09619

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. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides.



AF3134 staining HeLa cells(4h of LPS 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(AF3134 1:200) and mouse anti-beta tubulin Ab(T0023 1:200) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) 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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