

CABP0569

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## Product Information

<b>Product SKU:</b>	CABP0569	<b>Gene ID:</b>	5156	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	-	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human

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## Additional Information

<b>Observed MW:</b>	190kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	123kDa	<b>Isotype:</b>	IgG

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## Immunogen Information

**Background:** 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. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

**Recommended Dilution:** WB, 1:500 - 1:2000

**Synonyms:** CD140A; PDGFR2; PDGFR-2; Phospho-PDGFR  $\alpha$ -Y849

**Purification Method:** Affinity purification

**Immunogen:** A synthetic phosphorylated peptide around Y849 of human PDGFRA (NP\_006197.1).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.