

**Product Name: PDGF B (1X19) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe15899**

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## Summary

<b>Production Name</b>	PDGF B (1X19) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	PDGFB
<b>Alternative Names</b>	PDGF2; Pdgfb; Platelet derived growth factor 2; Platelet derived growth factor B chain; Platelet derived growth factor beta; SIS; SSV;
<b>Gene ID</b>	5155.0
<b>SwissProt ID</b>	P01127.A synthetic peptide of human PDGF B

## Application

<b>Dilution Ratio</b>	WB: 1:1000
<b>Molecular Weight</b>	27kDa

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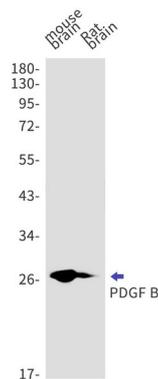
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## Background

Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin (PubMed:26599395). Growth factor that plays an essential role in the regulation of embryonic development, cell proliferation, cell migration, survival and chemotaxis. Potent mitogen for cells of mesenchymal origin (PubMed:<a href="http://www.uniprot.org/citations/26599395" target="\_blank">26599395</a>). Required for normal proliferation and recruitment of pericytes and vascular smooth muscle cells in the central nervous system, skin, lung, heart and placenta. Required for normal blood vessel development, and for normal development of kidney glomeruli. Plays an important role in wound healing. Signaling is modulated by the formation of heterodimers with PDGFA (By similarity).

## Research Area

## Image Data



Western blot detection of PDGF B in mouse brain, Rat brain cell lysates using PDGF B antibody(1:1000 diluted).

## Note

For research use only.