

# Product Datasheet

## PDGF R beta Antibody (4C12) H00005159-M08

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005159-M08**

PDGF R beta Antibody (4C12)

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4C12
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a Kappa
<b>Purity</b>	IgG purified
<b>Buffer</b>	In 1x PBS, pH 7.4

**Product Description**

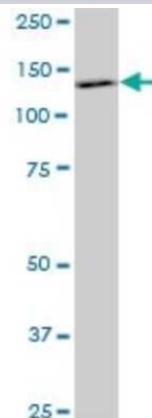
<b>Description</b>	Quality control test: Antibody Reactive Against Recombinant Protein.
<b>Host</b>	Mouse
<b>Gene ID</b>	5159
<b>Gene Symbol</b>	PDGFRB
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	PDGFRB (4C12)
<b>Immunogen</b>	PDGFRB (AAH32224, 33 a.a. ~ 133 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa. LVVTGGPELVNVSSFTVLTCSGSAPVVWERMSQEPPQEMAKAQDGTFSV LTLTNLTGLDTGEYFCTHNDSRGLETDERKRLYIFVPDPTVGFLPNDAE
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

**Product Application Details**

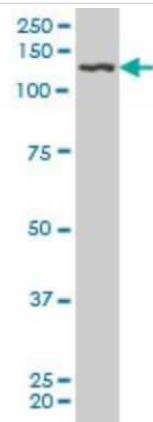
<b>Applications</b>	Western Blot, ELISA, Immunoprecipitation, Proximity Ligation Assay
<b>Recommended Dilutions</b>	Western Blot 1:500, ELISA, Immunoprecipitation, Proximity Ligation Assay
<b>Application Notes</b>	Antibody reactivity against tissue lysate and recombinant protein for WB. It has been used for ELISA.

**Images**

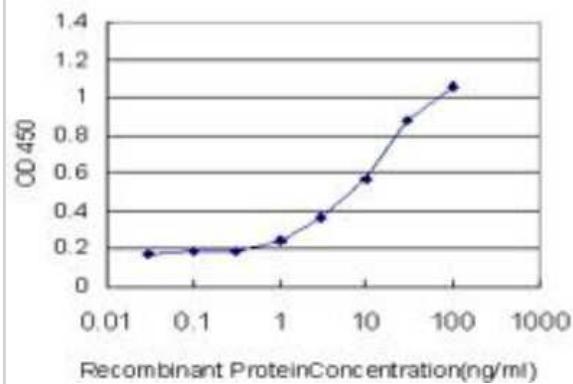
Western Blot: PDGF R beta Antibody (4C12) [H00005159-M08] - Analysis of PDGFRB expression in human uterus myoma.



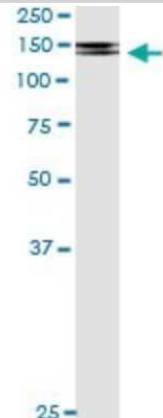
Western Blot: PDGF R beta Antibody (4C12) [H00005159-M08] - Analysis of PDGFRB expression in human stomach.



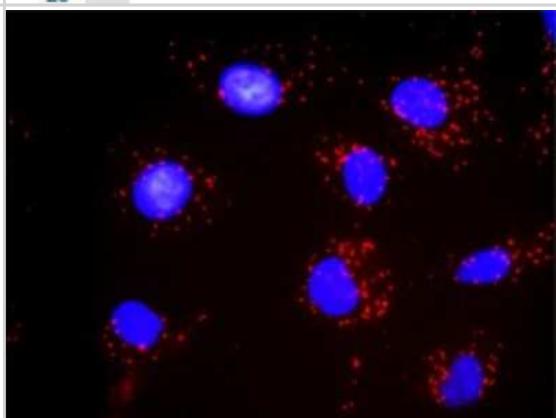
ELISA: PDGF R beta Antibody (4C12) [H00005159-M08] - Detection limit for recombinant GST tagged PDGFRB is approximately 1ng/ml as a capture antibody.



Immunoprecipitation: PDGF R beta Antibody (4C12) [H00005159-M08] - Analysis of PDGFRB transfected lysate using anti-PDGFRB monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PDGFRB rabbit polyclonal antibody.



Proximity Ligation Assay: PDGF R beta Antibody (4C12) [H00005159-M08] - Analysis of protein-protein interactions between STAT1 and PDGFRB. Mahlavi cells were stained with anti-STAT1 rabbit purified polyclonal 1:1200 and anti-PDGFRB mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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