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<b>Catalog Number:</b>	GT15151	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity purified	<b>Species Reactivity:</b>	Human
<b>Immunogen Sequence:</b>	<i>E. coli</i> -derived, recombinant PDGF motif of human Platelet Derived Growth Factor C (rhPDGF-C; aa residues Gly 230 - Gly 345).	<b>Format:</b>	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
<b>Applications:</b>	Immunohistochemistry : 2 - 15 µg/mL. Western Blot: 0.1 - 0.2 µg/mL ELISA: 0.5 - 1.0 µg/mL		
<b>Storage:</b>	Dilutions listed as a recommendation. Optimal dilution should be determined by investigator. Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. <i>Avoid repeated freeze-thaw cycles.</i>		

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### Application Notes

#### Direct ELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect human PDGF-C. The detection limit for rhPDGF-C is approximately 0.3 ng/well.

#### Western blot

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect human PDGF-C. The detection limit for rhPDGF-C is approximately 5 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows less than 1% cross-reactivity with hPDGF, rhPDGF-AA, rhPDGF-BB, rhPDGF-AB and rhPDGF-D.

#### Immunohistochemistry

This antibody will detect PDGF-C in cells and tissues. The working dilution is 2 - 5 µg/mL.

### FOR RESEARCH USE ONLY

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Neuromics Antibodies • 5325 West 74<sup>th</sup> Street, Suite 8 • Edina, MN 55439  
phone 866-350-1500 • fax 612-677-3976 • e-mail [pshuster@neuromics1.com](mailto:pshuster@neuromics1.com)