### PDGF R Alpha Data Sheet

<table>
<thead>
<tr>
<th>Catalog Number:</th>
<th>GT15150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Product Type:</td>
<td>Affinity purified</td>
</tr>
<tr>
<td>Host:</td>
<td>Goat</td>
</tr>
<tr>
<td>Species Reactivity:</td>
<td>Mouse</td>
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<tr>
<td>Immunogen Sequence:</td>
<td>NS0-derived, recombinant mouse platelet derived growth factor receptor alpha (rmPDGF Rα) extracellular domain.</td>
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<tr>
<td>Format:</td>
<td>Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose</td>
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</tbody>
</table>

### Applications
- **Immunohistochemistry**: 2 - 15 µg/mL.
- **Western Blot**: 0.1 - 0.2 µg/mL.
- **ELISA**: 0.5 - 1.0 µg/mL.

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

### Storage
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. *Avoid repeated freeze-thaw cycles.*

### Application Notes

#### Direct ELISA
This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect mouse PDGF Rα. The detection limit for rmPDGF Rα is approximately 0.2 ng/well. In this format, this antibody shows less than 1% cross-reactivity with rhPDGF Rα, rhPDGF Rβ and rmPDGF Rβ.

#### Western Blot
This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse PDGF Rα. The detection limit for rmPDGF Rα is approximately 5 ng/lane under non-reducing and reducing conditions.

#### Immunohistochemistry
This antibody will detect PDGF Rα in cells and tissues. The working dilution is 2 - 15 µg/mL.

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