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<b>Catalog Number:</b>	MO15024	<b>Host:</b>	Rat
<b>Product Type:</b>	Protein G purified rat IgG2A <b>Clone:</b> 125623	<b>Species Reactivity:</b>	Mouse
<b>Immunogen Sequence:</b>	recombinant mouse gp130	<b>Format:</b>	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% trehalose.
<b>Applications:</b>	<b>Western Blot:</b> 1-2 µg/mL <b>Immunocytochemistry:</b> 5-10 µg/mL <b>Flow Cytometry:</b> See below		
<b>Storage:</b>	Antibody can also 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

**Flow Cytometry** - Dilute this antibody to 0.1 mg/mL and add 10 µL of this solution to 1 - 2.5 x 10<sup>5</sup> cells in a total reaction volume not exceeding 200 µL. The binding of unlabeled monoclonal antibodies may be visualized by adding stock solution of a secondary developing reagent such as goat anti-rat IgG conjugated to a fluorochrome.

**Immunocytochemistry** - This antibody can be used with the appropriate secondary reagents at the concentration of 5 – 10 µg/mL in 4% paraformaldehyde-fixed cells.

**Western Blot** - This antibody can be used at 1 – 2 µg/mL with the appropriate secondary reagents to detect mouse gp130. The detection limit for recombinant mouse gp130 is approximately 25 ng/lane and 50 ng/lane under non-reducing and reducing conditions, respectively.

### 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)