



## EphA4

## Data Sheet

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<b>Catalog Number:</b>	GT15035	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity purified	<b>Species Reactivity:</b>	Mouse, rat
<b>Immunogen Sequence:</b>	recombinant mouse EphA4 extracellular domain	<b>Format:</b>	Liquid 1mg/ml 0.2 µm filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.
<b>Applications:</b>	<b>Immunohistochemistry:</b> 2-5 µg/mL <b>Western Blot:</b> 0.1 – 0.2 µg/mL Tested for Western blotting using recombinant mouse EphA4 extracellular domain. <b>ELISA:</b> 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
<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

#### Western Blot

Based on western blot results, this antibody shows approximately 5% cross-reactivity with rmEphA3 and rmEphA7. The detection limit for recombinant mouse EphA4 is approximately 5 ng/lane under non-reducing and reducing conditions.

#### Immunohistochemistry

This antibody has been shown to label EphA4 receptors in paraffin-embedded tissue sections of rat embryos. The working dilution is 2 - 5 µg/mL.

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