

Neprilysin

Data Sheet

Catalog Number:	MO15015	Host:	Mouse
Product Type:	Protein G purified Clone: 200103	Species Reactivity:	Mouse, human
Immunogen Sequence:	Recombinant mouse Neprilysin (aa 52 - 750) extracellular domain	Format:	Liquid 1mg/ml
Applications:	Immunohistochemistry: 5-15 µg/mL Western Blot: 1 – 2 µg/mL Tested for Western blotting using mouse and human recombinant Neprilysin ELISA: 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	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>		

Application Notes

Immunohistochemistry: Antiserum was used on perfusion fixed tissue. Perfusion: 1) calcium-free Tyrode's solution, 2) paraformaldehyde-picric acid fixative, and 3) 10% sucrose in PBS as a cryo-protectant. Desired tissues were dissected and stored overnight in 10% sucrose in PBS.

Slide-mounted tissue sections were processed for indirect immunofluorescence. Slides were incubated with blocking buffer for 1 hour at room temperature. Primary antiserum was diluted with blocking buffer to the appropriate working concentration. Blocking buffer was removed and slides were incubated for 18-24 hours at 4°C with primary antiserum. Slides were rinsed 3 times and then incubated with secondary antibodies for 1 hour at room temperature. Slides were again rinsed 3 times and coverslipped. Staining was examined using fluorescence microscopy.

Western Blotting

This antibody can be used at 1 - 2 µg/mL with the appropriate secondary reagents to detect recombinant mouse and human Neprilysin.

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