



Cathepsin L

Datasheet

Catalog Number:	GT15049	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Mouse
Immunogen Sequence:	recombinant mouse Cathepsin L, a.a. 18 - 334	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
Applications:	Immunohistochemistry: 2-15 µg/mL Western Blot: 0.1 – 0.2 µg/mL Tested for Western blotting using mouse recombinant Cathepsin L 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

This antibody will detect Cathepsin L in cells and tissues. The working dilution is 2 - 15 µg/mL.

Western Blotting

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse Cathepsin L. The detection limit for recombinant mouse Cathepsin L is approximately 1 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows approximately 25% cross reactivity with recombinant human Cathepsin L and less than 1% cross-reactivity with recombinant mouse Cathepsin A, Cathepsin B, Cathepsin C, Cathepsin D, Cathepsin E, Cathepsin H and Cathepsin X/Z/P.

FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.