



## Cathepsin B

## Data Sheet

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<b>Catalog Number:</b>	GT15047	<b>Host:</b>	Goat
<b>Product Type:</b>	Affinity purified	<b>Species Reactivity:</b>	Mouse
<b>Immunogen Sequence:</b>	recombinant mouse Cathepsin B	<b>Format:</b>	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
<b>Applications:</b>	<b>Immunohistochemistry:</b> 2-15 µg/mL <b>Western Blot:</b> 0.1 – 0.2 µg/mL Tested for Western blotting using mouse recombinant Cathepsin B <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

#### Immunohistochemistry

This antibody will detect Cathepsin B 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 B. The detection limit for recombinant mouse Cathepsin B is approximately 20 ng/lane under non-reducing and reducing conditions.

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