



Clusterin

Data Sheet

Catalog Number:	GT15117	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Mouse
Immunogen Sequence:	Recombinant mouse Clusterin (aa 22 - 448)	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline with 5% trehalose
Applications:	Immunohistochemistry: 5-15 µg/mL Western Blot: 0.1 – 0.2 µg/mL Tested for Western blotting using recombinant protein. ELISA: 0.5 - 1.0 µg/mL Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	Antibody can 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

Specificity

This antibody has been selected for its ability to recognize mouse Clusterin in the applications listed below. In direct ELISAs and western blots, this antibody shows approximately 15% cross-reactivity with recombinant human Clusterin.

Western blot

This antibody can be used at 0.1 - 0.2 ug/mL with the appropriate secondary reagents to detect mouse Clusterin. The detection limit for recombinant mouse Clusterin is approximately 5 ng/lane under non-reducing and reducing conditions.

Immunoprecipitation

This antibody has been used to immunoprecipitate recombinant mouse Clusterin from conditioned media of transfected NS0 cells.

Immunohistochemistry

This antibody will detect Clusterin in cells and tissues. The working dilution is 2 - 15 ug/mL

Direct ELISA

This antibody can be used at 0.5 - 1.0 ug/mL with the appropriate secondary reagents to detect mouse Clusterin. The detection limit for recombinant mouse Clusterin is approximately 0.3 ng/well.