

Recombinant Catalase Antibody

Rabbit Monoclonal Antibody [Clone CAT/17191R]

Catalog No	Format	Size
847-RBM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
847-RBM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
847-RBM1-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

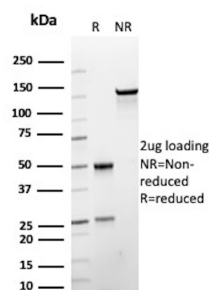
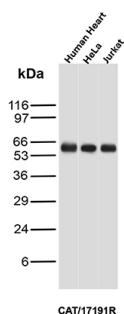
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	CAT/17191R
Immunogen	Recombinant human CAT protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	59.76kDa
Cellular Localization	Peroxisome matrix
Species Reactivity	Human

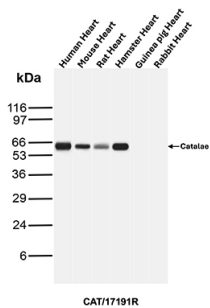
*Optimal dilution for a specific application should be determined.

Product Images for Recombinant Catalase Antibody



Western blot analysis of human heart tissue lysates and HeLa and Jurkat cell lysates using CAT Recombinant Rabbit Monoclonal Antibody (CAT/17191R).

SDS-PAGE Analysis of Purified Recombinant Catalase Rabbit Monoclonal Antibody (CAT/17191R). Confirmation of Purity and Integrity of Antibody.



Western blot analysis of heart tissue lysates from human, hamster, mouse and rat using CAT Recombinant Rabbit Monoclonal Antibody (CAT/17191R).

Specificity & Comments

Catalyzes the degradation of hydrogen peroxide (H_2O_2) generated by peroxisomal oxidases to water and oxygen, thereby protecting cells from the toxic effects of hydrogen peroxide (PubMed:7882369). Promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells (PubMed:7882369).

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.