

Product name:	Catalase Rabbit Monoclonal Antibody
Cat number:	MABN85385
Conjugate:	Unconjugated
Size:	100 μ L
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide of human Catalase
Reactivity:	Human
Applications:	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
Molecular Weight:	Calculated MW: 60 kDa; Observed MW: 60 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in TBS with 0.05% sodium azide,0.05%BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Catalase catalyzes the conversion of hydrogen peroxide to water and oxygen. Research studies show that overexpression of this antioxidant enzyme increases the ability of pancreatic β -cells to scavenge reactive oxygen species (ROS), thereby protecting pancreatic β -cells from oxidative stress.