

KD-Validated Anti-Catalase Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1803

Product Information

Application	WB, FC
Primary Accession	P04040
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	24GB4295
Calculated MW	59756
Gene Name	CAT
Aliases	CAT; Catalase; EC 1.11.1.6; Epididymis Secretory Sperm Binding Protein
Immunogen	A synthesized peptide derived from human Catalase

Additional Information

Gene ID	847
Other Names	Catalase, 1.11.1.6, CAT

Protein Information

Name	CAT
Function	Catalyzes the degradation of hydrogen peroxide (H ₂ O 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).
Cellular Location	Peroxisome matrix

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.