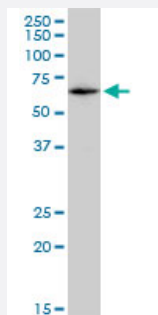


CAT monoclonal antibody (M08), clone 2G6

Catalog # H00000847-M08

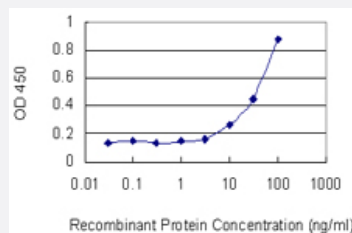
Size 100 ug

Applications



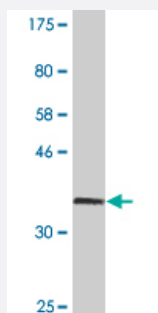
Western Blot (Cell lysate)

CAT monoclonal antibody (M08), clone 2G6. Western Blot analysis of CAT expression in HepG2(Cat # L019V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAT is 1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant CAT.

Immunogen	CAT (NP_001743, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MADSRDPASDQMQHWKEQRAAQKADVLTTGAGNPVGDKLNVITVGPRGPLLVQDVVFTDEMA HFDRERIPERVVHAKGAGAFGYFEVTHDITKYSKAKVF
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (87); Rat (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

CAT monoclonal antibody (M08), clone 2G6. Western Blot analysis of CAT expression in HepG2(Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged CAT is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — CAT

Entrez GeneID

[847](#)

GeneBank Accession#	NM_001752
Protein Accession#	NP_001743
Gene Name	CAT
Gene Alias	MGC138422, MGC138424
Gene Description	catalase
Omim ID	115500
Gene Ontology	Hyperlink
Other Designations	-

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Metabolic pathways](#)
- [Methane metabolism](#)
- [Tryptophan metabolism](#)

Disease

- [Absenteeism](#)
- [Acute Disease](#)
- [Albuminuria](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Arthritis](#)
- [Asbestosis](#)
- [Asthma](#)
- [Brain Neoplasms](#)

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
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- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Colorectal Neoplasms](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
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- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
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- [Lymphoma](#)
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- [Osteonecrosis](#)

- [Osteoporosis](#)
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- [Pregnancy Complications](#)
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- [Substance-Related Disorders](#)
- [Sunburn](#)
- [Urinary Bladder Neoplasms](#)
- [Vitiligo](#)
- [Werner syndrome](#)