

Anti-Catalase (CAT) Mouse Monoclonal Antibody [Clone ID: OTI1B6]

Catalog Number: M03123-2

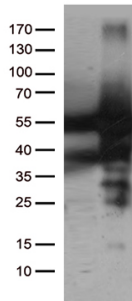
Overview

Product Name	Anti-Catalase (CAT) Mouse Monoclonal Antibody [Clone ID: OTI1B6]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio CAT (Catalase) mouse monoclonal antibody, clone OTI1B6 (formerly 1B6). Catalog# M03123-2. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1B6
Formulation	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	P04040

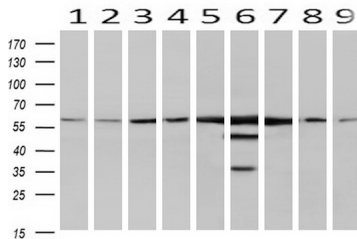
Technical Details

Immunogen	Full length human recombinant protein of human CAT (NP_111743) produced in HEK293T cell.
Isotype	IgG1
Concentration	0.72 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows:

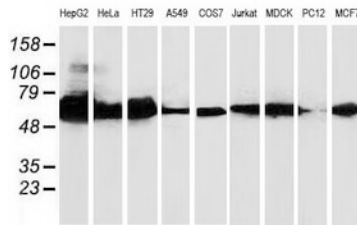
Anti-Catalase (CAT) Mouse Monoclonal Antibody [Clone ID: OTI1B6] (M03123-2) Images



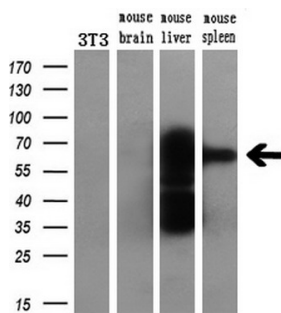
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CAT (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CAT. (1:5).



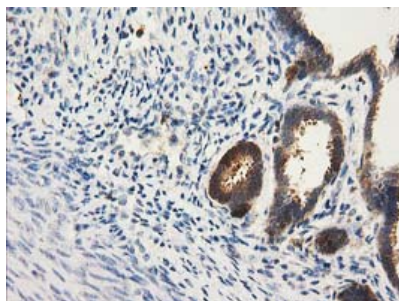
Western blot analysis of extracts (10ug) from 9 Human tissue by using anti-CAT monoclonal antibody at 1:200 (1: Testis; 2: Omentum; 3: Uterus; 4: Breast; 5: Brain; 6: Liver; 7: Ovary; 8: Thyroid gland; 9: colon).



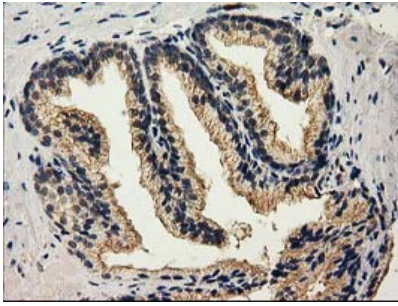
Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-CAT monoclonal antibody (1:500).



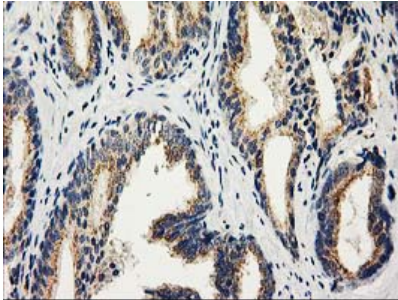
Western blot analysis of extracts (10ug) from a mouse cell line and 3 different mouse tissues by using anti-CAT monoclonal antibody (1:200).



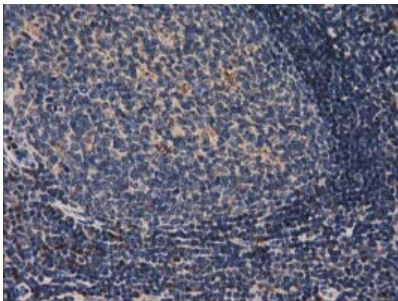
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



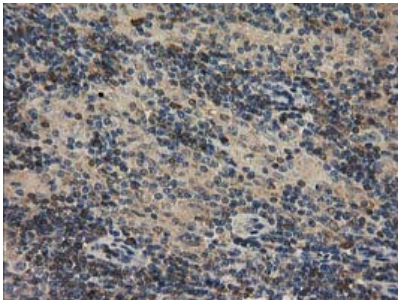
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



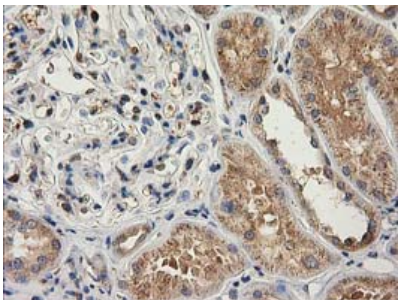
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human lymph node tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

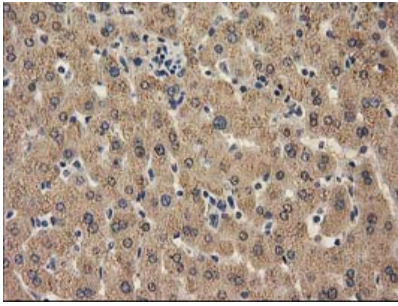


Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

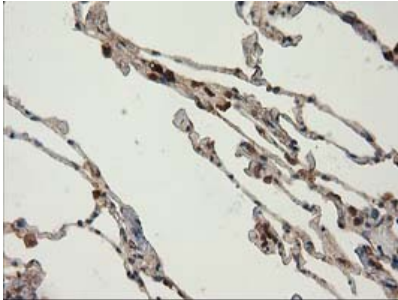


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

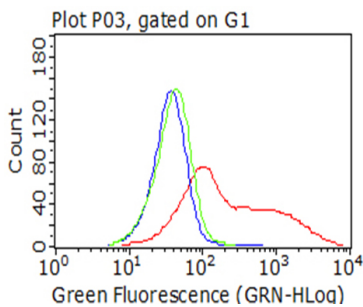
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by



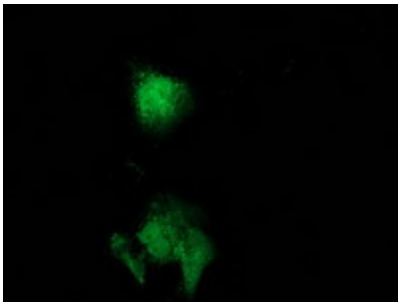
10mM citric buffer



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-CAT mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



HEK293T cells transfected with either CAT (Myc-DDK-tagged) overexpress plasmid (Red)



Anti-CAT mouse monoclonal antibody (M03123-2) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY CAT.

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