

Catalase monoclonal antibody

Catalog: MB10668

Host: Rabbit

Reactivity: Human

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.

Product:

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

Molecular Weight:

Calculated MW: 60 kDa; Observed MW: 60 kDa

Swiss-Prot:

P04040

Purification&Purity:

Affinity Purified

Applications:

WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

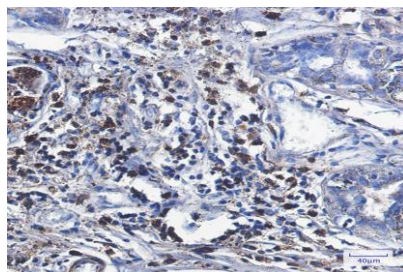
Isotype:

IgG

DATA:



Western blot analysis of Catalase in K562, HeLa lysates using Catalase antibody.



Immunocytochemistry analysis of Catalase in HeLa using Catalase antibody, and DAPI

Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Catalase antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note:

For research use only, not for use in diagnostic procedure.

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