

小鼠抗 CAT 单克隆抗体

中文名称： 小鼠抗 CAT 单克隆抗体

英文名称： Anti-CAT mouse monoclonal antibody

别名： MGC138422; MGC138424

相关类别： 一抗

储存： 冷冻（-20℃） 避光

宿主： Mouse

抗原： CAT

反应种属： Human, Monkey

标记物： Unconjugate

克隆类型： mouse monoclonal

技术规格

Background:

This gene encodes catalase, a key antioxidant enzyme in the bodies defense against oxidative stress. Catalase is a heme enzyme that is present in the peroxisome of nearly all aerobic cells. Catalase converts the reactive oxygen species hydrogen peroxide to water and oxygen and there by mitigates the toxic effects of hydrogen peroxide. Oxidative stress is hypothesized to play a role in the development of many chronic or late-onset diseases such as diabetes, asthma, Alzheimer's disease, systemic lupus erythematosus, rheumatoid arthritis, and cancers. Polymorphisms in this gene have been associated with decreases in catalase activity but, to date, acatalasemia is the only disease known to be caused by this gene. [provided by RefSeq].

Applications:	WB, IHC, IF, FC
Name of antibody:	CAT
Immunogen:	Fusion protein of human CAT
Full name:	catalase (CAT)
Synonyms:	MGC138422; MGC138424
SwissProt:	P04040
IHC positive control:	human kidney tissue and human liver tissue
IHC Recommend dilution:	30-150
WB Predicted band size:	60 kDa
WB Positive control:	HepG2, Hela, HT-29, A549, COS7, Jurkat, MCF-7 cell lysates
WB Recommended dilution:	500-2000