

À des fins de recherche uniquement

Anticorps Monoclonal anti-Catalase

Numéro de catalogue: CL594-66765



Informations de base

Numéro de catalogue: CL594-66765	Numéro d'acquisition GenBank: BC112219	Méthode de purification: Purification par protéine G
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 847	CloneNo.: 1F8D7
Hôte: Mouse	Nom complet: catalase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG1	MW calculé 60 kDa	
Immunogen Catalog Number: AG16916	MW observés: 60 kDa	

Applications

Applications testées:
FC (Intra)

Spécificité de l'espèce:
Humain, porc, rat, souris

Informations générales

Catalase belongs to the catalase family. CAT occurs in almost all aerobically respiring organisms and serves to protect cells from the toxic effects of hydrogen peroxide. CAT promotes growth of cells including T-cells, B-cells, myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibroblast cells. CAT catalyzes the reaction: $2 \text{H}_2\text{O}_2 = \text{O}_2 + 2 \text{H}_2\text{O}$. Defects in CAT are the cause of acatalasia (ACATLAS) which also known as acatalasemia.

Stockage

Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.

Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** Les 20ul contiennent 0,1% de BSA.**

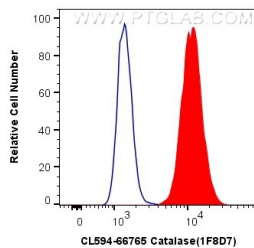
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

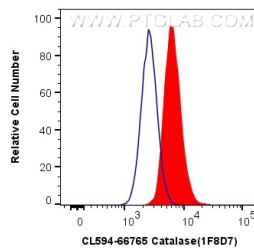
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Données de validation sélectionnées



1X10⁶ HepG2 cells were intracellularly stained with 0.8 ug CoraLite®594 Anti-Human Catalase (CL594-66765, Clone:1F8D7) (red), or 0.8 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Intracellular Staining Permeabilization Wash Buffer.



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human Catalase (CL594-66765, Clone:1F8D7) (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).