CoraLite®594-conjugated Catalase Monoclonal antibody

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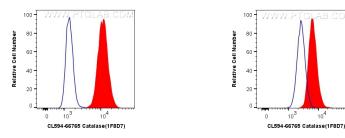
Catalog Number: CL594-66765

Size: GenelD (NCBI): CloneNo:: 1000 µ g/ml 847 17807 Source: UNPOT ID: Excitation/Emission Mouse P04040 wavelengths: Isotype: Full Name: 588 nm / 604 nm IgG1 catalase set Immunogen Catalog Number: Calculated MW: 60 kDa AG16916 60 kDa 0bserved MW: 60 kDa Observed MW: 60 kDa Species Specificity: Human, Mouse, Rat, Pig FC (Intra) Species Specificity: Human, Mouse, Rat, Pig Set and normal and transformed fibrobic catalase family. CAT occurs in almost all aerobically respiring organism: protect cells from the toxic effects of hydrogen peroxide. CAT promotes growth of cells including myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibrobic catalases mia. Storage: Storage: Storage: Storage: Storage Buffer: PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Set Specinization o.5% BSA, pH 7.3.	n
Mouse P04040 wavelengths: Isotype: Full Name: 588 nm / 604 nm IgG1 catalase 588 nm / 604 nm Immunogen Catalog Number: Calculated MW: 60 kDa AG16916 60 kDa Observed MW: 60 kDa Observed MW: 60 kDa Species Specificity: Human, Mouse, Rat, Pig FC (Intra) Background Information Catalase belongs to the catalase family. CAT occurs in almost all aerobically respiring organism: protect cells from the toxic effects of hydrogen peroxide. CAT promotes growth of cells including myeloid leukemia cells, melanoma cells, mastocytoma cells and normal and transformed fibrobic catalyzes the reaction: 2 H2O2 = 02 + 2 H2O. Defects in CAT are the cause of acatalasia (ACATLA: known as acatalasemia. Storage Storage: Storage Store at -20°C. Avoid exposure to light. Stable for one year after shipment. Storage Buffer: PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.	
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Aliquoting is unnecessary for -20°C storage	

For technical support and original validation data for this product please contact:T: 4006900926E: Proteintech-CN@ptglab.comW: ptgcn.com

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

Selected Validation Data



1X10^6 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. 1X10^6 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).