

Nur für Forschungszwecke

SOD2 Monoklonaler Antikörper

Katalog-Nr.:CL555-66474



Allgemeine Informationen

Katalog-Nr.: CL555-66474	GenBank-Zugangsnummer: BC016934	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von6648 Nanodrop;	GeneID (NCBI): superoxide dismutase 2, mitochondrial	CloneNo.: 3A6C2
Wirt: Maus	Vollständiger Name: superoxide dismutase 2, mitochondrial	Anregungs-/Emissionsmaxima- Wellenlängen: 557 nm / 570nm
Isotyp: IgG2a	Berechnete Masse: 25 kDa	
Immunogen Katalognummer: AG21388	Beobachtete Masse: 25 kDa	

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Hausschwein, Human, Maus, Ratte

Hintergrundinformationen

SOD2(superoxide dismutase 2, mitochondrial) is also named as IPOB, MNSOD, SODM, Mn-SOD and belongs to the iron/manganese superoxide dismutase family. It is a marker of mitochondria, which is restricted to the perinuclear area in a cell with aggregate formation of mutant SOD1(PMID:12659845). It functions as the first line of antioxidant defense against highly reactive superoxide radicals and it appears to be early predictors for survival in septic patients with with MIF(PMID:20863520). It has 2 isoforms with the molecular weight of 25 kDa and 21 kDa.

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen.

Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

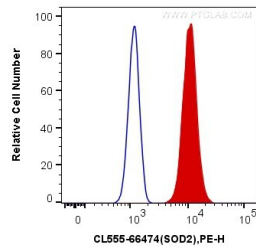
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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

Ausgewählte Validierungsdaten



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug Coralite®555 Anti-Human SOD2 (CL555-66474, Clone:3A6C2) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).