

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SOD2

Numéro de catalogue: CL555-66474



## Informations de base

Numéro de catalogue: CL555-66474	Numéro d'acquisition GenBank: BC016934	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6648	CloneNo.: 3A6C2
Hôte: Mouse	Nom complet: superoxide dismutase 2, mitochondrial	Excitation/Emission maxima wavelengths: 557 nm / 570nm
Isotype: IgG2a	MW calculé 25 kDa	
Immunogen Catalog Number: AG21388	MW observés: 25 kDa	

## Applications

Applications testées:  
FC (Intra)  
Spécificité de l'espèce:  
Humain, porc, rat, souris

## Informations générales

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.

## Stockage

Stockage:  
Stocker à -20 °C. Éviter toute exposition à la lumière.  
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.

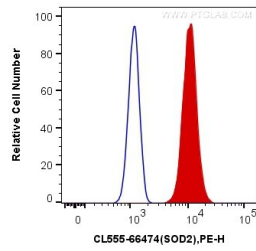
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## Données de validation sélectionnées



1X10<sup>6</sup> 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).