

À des fins de recherche uniquement

# Anticorps Monoclonal anti-P62,SQSTM1



Numéro de catalogue: **CL488-66184**

## Informations de base

<b>Numéro de catalogue:</b> CL488-66184	<b>Numéro d'acquisition GenBank:</b> BC017222	<b>Méthode de purification:</b> Purification par protéine A
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>Identification du gène (NCBI):</b> 8878	<b>CloneNo.:</b> 1H5C1
<b>Hôte:</b> Mouse	<b>Nom complet:</b> sequestosome 1	<b>Dilutions recommandées:</b> IF 1:50-1:500
<b>Isotype:</b> IgG2a	<b>MW calculé</b> 48 kDa	<b>Excitation/Emission maxima wavelenghts:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG13131	<b>MW observés:</b> 62 kDa	

## Applications

<b>Applications testées:</b> IF	<b>Contrôles positifs:</b> IF : cellules HepG2, cellules U2OS traitées à la chloroquine
<b>Spécificité de l'espèce:</b> Humain	

## Informations générales

Sequestosome 1 (SQSTM1/p62) is a multifunctional adaptor protein implicated in selective autophagy, cell signaling pathways, and tumorigenesis. p62 has been implicated in shuttling ubiquitinated and sometimes aggregated proteins for autophagic degradation. As a autophagy-specific substrate, p62 is degraded during the autophagic process, which makes intracellular level of p62 as a marker for autophagy flux. p62 is at the cross-roads of several signaling pathways including Ras/ Raf/ MAPK and NFκB and plays important role in cancer. p62 is a component of inclusion bodies/ protein aggregates found in human diseases, including Huntington's disease, Alzheimer's disease, Parkinson's disease in the brain, and nephropathic cystinosis in kidney (PMID: 22074114, 22860231, 22714671). The molecular weight of p62 is predicted as 48/ 38 kDa, while western blot analyses using this antibody demonstrate the major band around 60-62 kDa in various tissues.

## Stockage

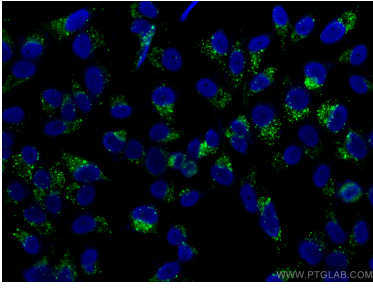
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

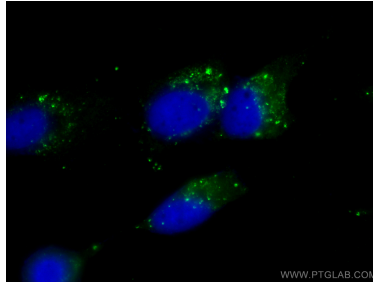
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

## Données de validation sélectionnées



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using CL488-66184 (P62,SQSTM1 antibody) at dilution of 1:100.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CL488-66184 (P62,SQSTM1 antibody) at dilution of 1:100.