

À des fins de recherche uniquement

Anticorps Monoclonal anti-P62,SQSTM1



Numéro de catalogue: **CL594-66184** **Phare**

Informations de base

Numéro de catalogue: CL594-66184	Numéro d'acquisition GenBank: BC017222	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 8878	CloneNo.: 1H5C1
Hôte: Mouse	Nom complet: sequestosome 1	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 48 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG13131	MW observés: 62 kDa	

Applications

Applications testées: IF	Contrôles positifs: IF : cellules HepG2, cellules U2OS traitées à la chloroquine
Spécificité de l'espèce: 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 NFkB 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

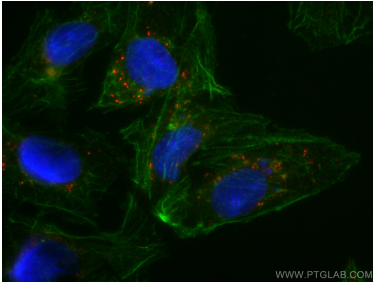
Stockage:
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.
Tampon de stockage:
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.
L'aliquotage n'est pas nécessaire pour le stockage à -20C

***** 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 U2OS cells using CoraLite®594 P62/SQSTM1 antibody (CL594-66184, Clone: 1H5C1) at dilution of 1:100, CL488-Phalloidin (green).



Immunofluorescent analysis of (-20°C Ethanol) fixed Chloroquine treated HepG2 cells using CoraLite®594-conjugated P62/SQSTM1 antibody (CL594-66184, Clone: 1H5C1) at dilution of 1:100.