

Nur für Forschungszwecke

P62,SQSTM1 Monoklonaler Antikörper



Katalog-Nr.:CL594-66184

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL594-66184	GenBank-Zugangsnummer: BC017222	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 1000 µg/ml von8878 Nanodrop;	GeneID (NCBI): 8878	CloneNo.: 1H5C1
Wirt: Maus	Vollständiger Name: sequestosome 1	Empfohlene Verdünnungen: IF 1:50-1:500
Isotyp: IgG2a	Berechnete Masse: 48 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 588 nm / 604 nm
Immunogen Katalognummer: AG13131	Beobachtete Masse: 62 kDa	

Anwendungen

Geprüfte Anwendungen:

IF

Getestete Reaktivität:

Human

Positivkontrollen:

IF : HepG2-Zellen, mit Chloroquin behandelte U2OS-Zellen

Hintergrundinformationen

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.

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.

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

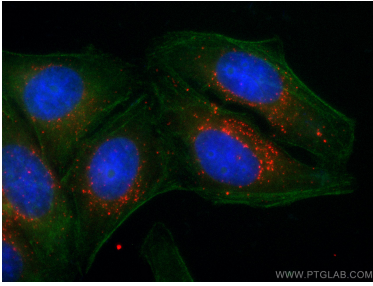
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

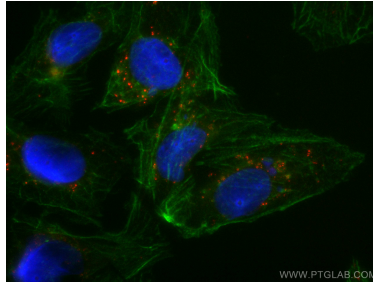
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



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.



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).