

Nur für Forschungszwecke

ATG5 Polyklonaler Antikörper

Katalog-Nr.:CL594-10181

Vorgestelltes Produkt



Allgemeine Informationen

Katalog-Nr.: CL594-10181	GenBank-Zugangsnummer: BC002699	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 100ul , Konzentration: 1000 µg/ml von9474	GeneID (NCBI): von9474	Anregungs-/Emissionsmaxima-Wellenlängen: 588 nm / 604 nm
Nanodrop;	Vollständiger Name: ATG5 autophagy related 5 homolog (S. cerevisiae)	
Wirt: Kaninchen	Berechnete Masse: 32 kDa	
Isotyp: IgG	Beobachtete Masse: 32 kDa, 40-45 kDa, 50-55 kDa	
Immunogen Katalognummer: AG0214		

Anwendungen

Geprüfte Anwendungen:
FC (Intra)

Getestete Reaktivität:
Human, Maus, Ratte

Hintergrundinformationen

ATG5, also named as APG5L and ASP, belongs to the ATG5 family. It is required for autophagy. It plays an important role in the apoptotic process, possibly within the modified cytoskeleton. Its expression is a relatively late event in the apoptotic process, occurring downstream of caspase activity. Autophagy is a catabolic process for the autophagosomic-lysosomal degradation of bulk cytoplasmic contents. Formation of the autophagosome involves a ubiquitin-like conjugation system in which Atg12 is covalently bound to Atg5 and targeted to autophagosome vesicles. It mediates autophagosome-independent host protection. This antibody is raised against 28-275 amino acids of human ATG5. It can recognize the ATG5-ATG12 complex (55 kDa) which can be truncated and generate a 40-45 kDa band. 10181-2-AP also recognizes the free ATG5 (32 kDa).

Lagerung

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

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

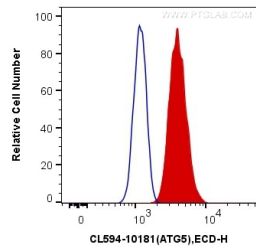
Aliquotieren ist nicht notwendig bei -20°C Lagerung

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

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



1X10⁶ HepG2 cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human ATG5 (CL594-10181) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).