

Nur für Forschungszwecke

# UCHL1/PGP9.5 Monoklonaler Antikörper



Katalog-Nr.:CL647-66230

Vorgestelltes Produkt

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-66230	<b>GenBank-Zugangsnummer:</b> BC000332	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1 mg/mL von Nanodrop;	<b>GeneID (NCBI):</b> 7345	<b>CloneNo.:</b> 1C9E11
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 25 kDa	
<b>Immunogen Katalognummer:</b> AG6547	<b>Beobachtete Masse:</b> 27 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Hausschwein, Human, Maus, Ratte

## Hintergrundinformationen

Ubiquitin C-terminal hydrolase L1 (UCHL1) was originally identified as a neuronal protein that accounts for nearly 2% of total brain proteins. UCHL1 activity protects neurons from hypoxic injury, and binding of stroke-induced reactive lipid species to the cysteine 152 (C152) of UCHL1 unfolds the protein and disrupts its function. Reduced hydrolytic activity of mutant UCHL1 is implicated in the pathophysiologic process of Parkinson's and Alzheimer's disease due to abnormal neurotoxic protein aggregation. (PMID: 31356902, PMID: 30760601)

## 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

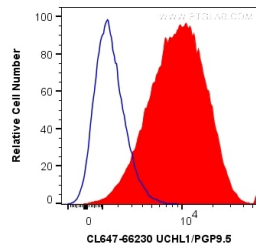
For technical support and original validation data for this product please contact:

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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human UCHL1/PGP9.5 (CL647-66230, Clone:1C9E11) (red), or 0.2 ug APC-65128; APC Mouse IgG2b Isotype Control (APC-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).