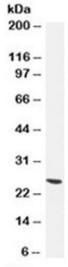
UCHL1 Antibody Clone 13C4 / PGP9.5 Antibody [clone 13C4] (V2294)

Catalog No.	Formulation	Size
V2294-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2294-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2294SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

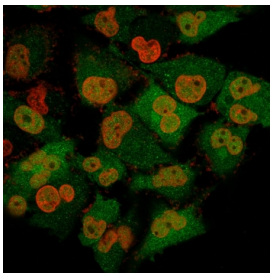
Citations (7)

Bulk quote request

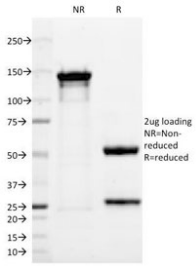
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	13C4
Purity	Protein G affinity chromatography
Gene ID	7345
Localization	Cytoplasmic
Applications	Western Blot : 1-2ug/ml Immunofluorescence : 1-2ug/ml
Limitations	This **UchL1 antibody** is available for research use only.



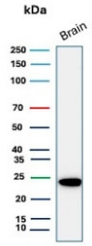
UCHL1 Antibody Clone 13C4. Western blot analysis of UCHL1 / PGP9.5 in human brain lysate. Human brain lysate stained with UCHL1 Antibody for WB, also known as PGP9.5 antibody or Ubiquitin C-terminal hydrolase L1 antibody, shows a strong, well-defined band at approximately 25 kDa, consistent with the predicted molecular weight of UCHL1. Clone 13C4 antibody produces a clear, high-intensity signal with minimal background, supporting reliable and reproducible detection of UCHL1 in western blot analysis.



UCHL1 Antibody Clone 13C4 for IF. Immunofluorescence analysis of UCHL1 / PGP9.5 in human T98G cells. Permeabilized human T98G cells stained with UCHL1 Antibody Clone 13C4 for IF, also known as PGP9.5 antibody or Ubiquitin C-terminal hydrolase L1 antibody, show strong cytoplasmic green fluorescence with clear intracellular distribution, while nuclei are counterstained with Nucspot (red). Clone 13C4 antibody produces a bright, consistent signal with low background, supporting reliable and reproducible detection of UCHL1 in fluorescence imaging.



SDS-PAGE Analysis of Purified, BSA-Free UchL1 Antibody (clone 13C4). Confirmation of Integrity and Purity of the Antibody.



Western blot testing of human brain lysate with UCHL1 Antibody Clone 13C4. Predicted molecular weight ~25 kDa.

Description

Ubiquitin C-terminal hydrolase L1 (UCHL1), also known as Protein gene product 9.5 (PGP9.5), is a cytoplasmic protein involved in ubiquitin-mediated protein regulation and widely studied in neuronal and cancer-related research. The UCHL1 Antibody Clone 13C4 is specifically recognized for producing strong and consistent signal, making it well suited for applications where clear and reproducible detection of UCHL1 is required.

UCHL1 Antibody Clone 13C4, also referred to as PGP9.5 antibody or ubiquitin C-terminal hydrolase L1 antibody, is frequently selected based on its robust signal intensity and dependable performance across experimental conditions. Unlike citation-driven or validation-focused reagents, Clone 13C4 antibody is valued for delivering clear, high-contrast detection with low background, allowing confident interpretation of protein expression patterns.

This mouse monoclonal UCHL1 Antibody Clone 13C4 provides reliable detection of UCHL1 through stable binding behavior and consistent signal output. The defined clone identity supports reproducibility across experiments, while the strong signal profile helps reduce ambiguity in band or staining interpretation. Clone 13C4 antibody is particularly useful in studies where repeatability and signal clarity are essential for accurate data analysis.

UCHL1 is expressed in neuronal tissues and has also been investigated in tumor biology, where it contributes to protein turnover and cellular regulation. Detection of UCHL1 using a high-signal antibody such as the UCHL1 Antibody Clone 13C4 enables clearer visualization of expression patterns and improves confidence in experimental results across sample types.

An UCHL1 Antibody Clone 13C4 is ideally suited for research applications where strong signal intensity, consistent performance, and reproducible detection are the primary requirements. Its positioning as a reliability-focused, high-signal antibody clearly differentiates it from literature-driven or specificity-validated clones and makes it a practical choice for routine and comparative protein analysis.

Application Notes

The concentration stated for each application is a general starting point. Variations in protocols, secondaries and substrates may require the UchL1 antibody to be titered up or down for optimal performance.

Immunogen

Native protein from brain was used as the immunogen for this UchL1 antibody.

Storage

Store the UchL1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

UCHL1 antibody, PGP9.5 antibody, Ubiquitin C-terminal hydrolase L1 antibody, Clone 13C4 antibody

References (3)