

Datasheet for ABIN6940850

**anti-UCHL1 antibody**

5 Images

[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	UCHL1
Reactivity:	Human, Rat, Mouse, Cow, Pig
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This UCHL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Staining Methods (StM)

## Product Details

Immunogen:	Native Uchl1 (PGP9.5) protein from brain
Clone:	31A3
Isotype:	IgG1 kappa
Specificity:	<p>This MAb reacts with a protein of 20-30 kDa, identified as PGP9.5, also known as ubiquitin carboxyl-terminal hydrolase-1 (Uchl1). Initially, PGP9.5 expression in normal tissues was reported in neurons and neuroendocrine cells but later it was found in distal renal tubular epithelium, spermatogonia, Leydig cells, oocytes, melanocytes, prostatic secretory epithelium, ejaculatory duct cells, epididymis, mammary epithelial cells, Merkel cells, and dermal fibroblasts. Furthermore, immunostaining for PGP9.5 has been shown in a wide variety of mesenchymal neoplasms as well. A mutation in PGP9.5 gene is believed to cause a form of Parkinson's disease.</p>

## Product Details

Purification: Purified by Protein A/G

## Target Details

Target: UCHL1

Alternative Name: UCHL1 ([UCHL1 Products](#))

Molecular Weight: 20-30kDa

Gene ID: 7345

UniProt: [P09936](#)

Pathways: [Feeding Behaviour](#)

## Application Details

Application Notes: Positive Control: T98G cells. Cerebellum.  
Known Application: Flow Cytometry (1-2 µg/million cells), Immunofluorescence (1-2 µg/mL), Western Blot (0.5-1 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

## Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

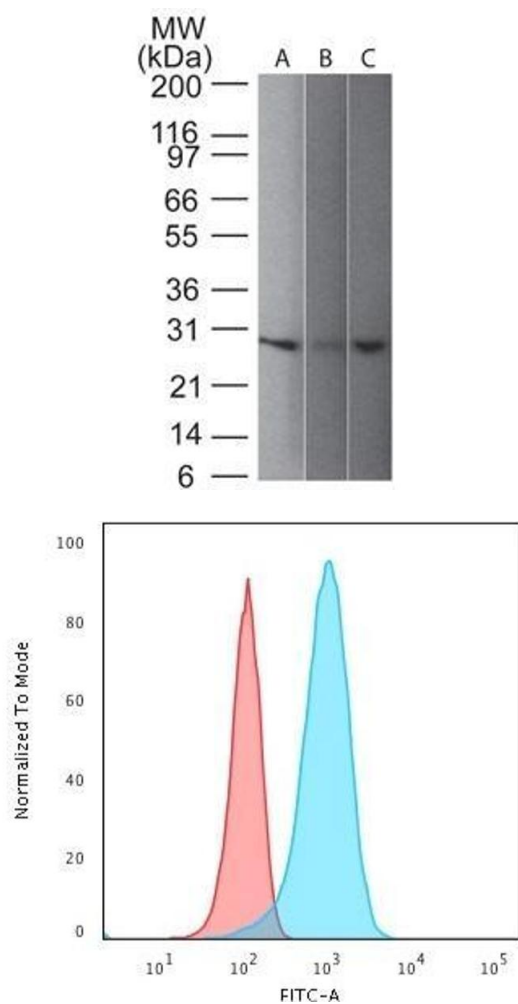
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months

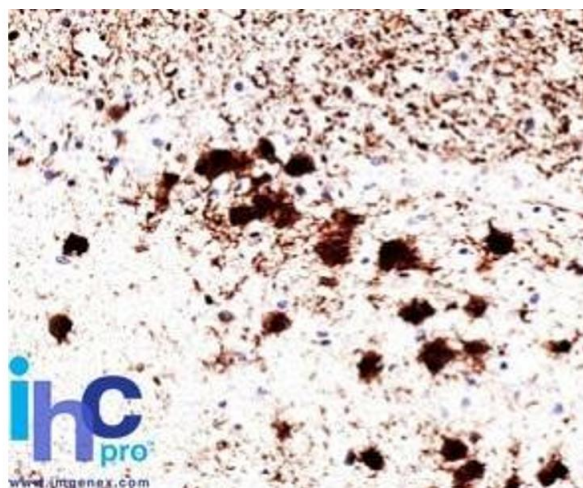


### Western Blotting

**Image 1.** Western blot of Uchl1 (PGP9.5) in 1) human, 2) Mouse and 3) rat brain lysate using Pgp9.5 / Uchl1 Mouse Monoclonal Antibody (31A3).

### Flow Cytometry

**Image 2.** Flow Cytometric Analysis of T98G cells using Pgp9.5 / Uchl1 Mouse Monoclonal Antibody (31A3) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



### Immunohistochemistry

**Image 3.** Formalin-fixed, paraffin-embedded human brain stained with Pgp9.5 / Uchl1 Mouse Monoclonal Antibody (31A3).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN6940850.