

Catalog #: 61680

Aliases

USP11; Ubiquitin Specific Peptidase 11; UHX1; Ubiquitin Carboxyl-Terminal Hydrolase 11; Deubiquitinating Enzyme 11 3 4

Ubiquitin Thioesterase 11; Ubiquitin Carboxyl-Terminal Hydrolase, X-Linked; Ubiquitin-Specific Processing Protease 11; Ubiquitin-Specific-Processing Protease 11; Ubiquitin Specific Protease 11; Ubiquitin Thiolesterase 11; EC 3.4.19.12; EC 3.1.2.15

Background

Gene Name: USP11 NCBI Gene Entry: 8237 UniProt Entry: P51784

Application Information

Molecular Weight: Predicted, 110 kDa, observed, 110 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 25GB3310

Species Reactivity: Human, mouse

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human USP11

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

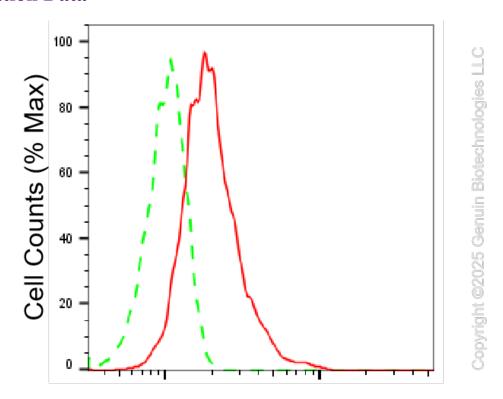
Western blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

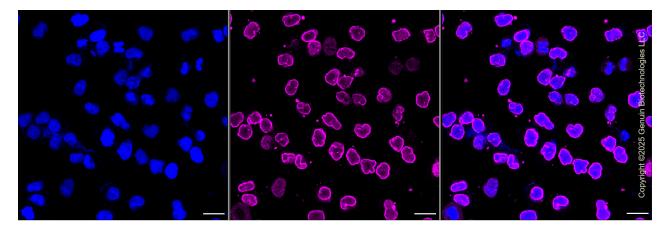
Note: This product is for research use only.

Validation Data



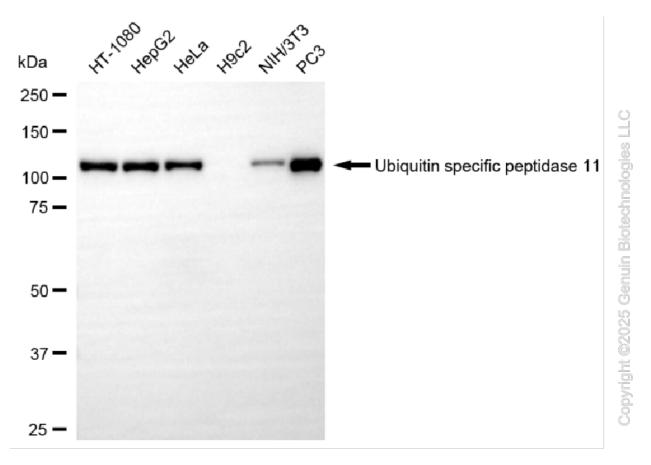
Ubiquitin specific peptidase 11-Alexa Fluor® 647

Flow cytometric analysis of Ubiquitin specific peptidase 11 expression in HeLa cells using anti-Ubiquitin specific peptidase 11 antibody (Cat#61680, 1:2,000). Green, isotype control; red, Ubiquitin specific peptidase 11.

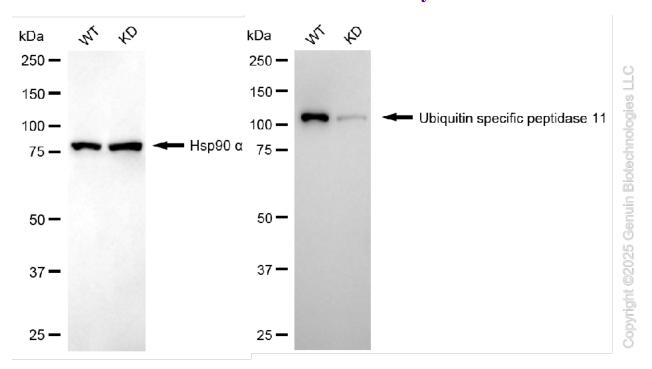


Immunocytochemical staining of HeLa cells with anti-Ubiquitin specific peptidase 11 antibody (Cat#61680, 1:1,000). Nuclei were stained blue with DAPI; Ubiquitin specific peptidase 11 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein

abundance based on laser Intensity and smart gain: High. Scale bar, 20 µm.



Western blotting analysis using anti-ubiquitin specific peptidase 11 antibody (Cat#61680). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ubiquitin specific peptidase 11 antibody (Cat#61680, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).



Western blotting analysis using anti-ubiquitin specific peptidase 11 antibody (Cat#61680). Ubiquitin specific peptidase 11 expression in wild type (WT) and ubiquitin specific peptidase 11 (USP11) knockdown (KD) HSHC cells with 20 μg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-ubiquitin specific peptidase 11 antibody (Cat#61680, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQTM ECL Substrate Kit (Cat#716).