

### **Product datasheet for TA425316**

#### OriGene Technologies, Inc.

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# **USP5 Rabbit Monoclonal Antibody [Clone ID: 24GB2480]**

#### **Product data:**

**Product Type:** Primary Antibodies

Clone Name: 24GB2480
Applications: FC, ICC, WB

Recommended Dilution: Western Blotting (WB): 1:1,000-1:5,000, Flow Cytometry (FCM): 1:2,000, Immunocytochemistry

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

Reactivity: Human, Mouse, Rat

Host: Rabbit Isotype: IgG

Clonality: Monoclonal

**Immunogen:** A synthesized peptide derived from human USP5

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

Concentration:Lot dependentPurification:Affinity PurifiedConjugation:Unconjugated

Stability: Store at -20 °C for one year.

Database Link: P45974

**Synonyms:** Deubiquitinating Enzyme 5; EC 3.1.2.15; EC 3.4.19.12; Isopeptidase T; ISOT; IsoT; Testicular

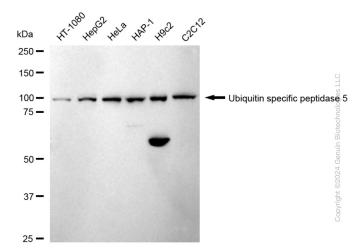
Tissue Protein Li 218; Ubiquitin-Specific-Processing Protease 5; Ubiquitin-Specific Protease-5 (Ubiquitin Isopeptidase T); Ubiquitin Carboxyl-Terminal Hydrolase 5; Ubiquitin Isopeptidase T;

Ubiquitin Specific Peptidase 5; Ubiquitin Specific Peptidase 5 (Isopeptidase T); Ubiquitin

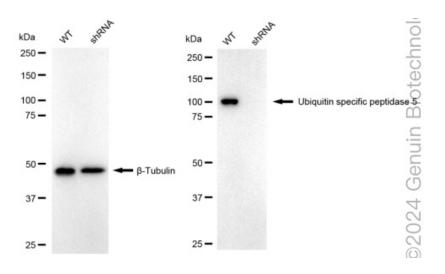
Specific Protease 5 (Isopeptidase T); Ubiquitin Thioesterase 5; Ubiquitin Thiolesterase 5; USP5



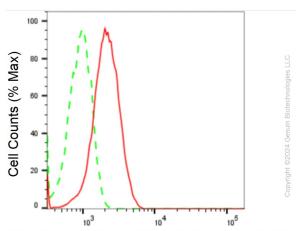
# **Product images:**



Western blotting analysis using anti-Ubiquitin specific peptidase 5 antibody . Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Ubiquitin specific peptidase 5 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-FeQ $^{\text{TM}}$  ECL Substrate Kit .

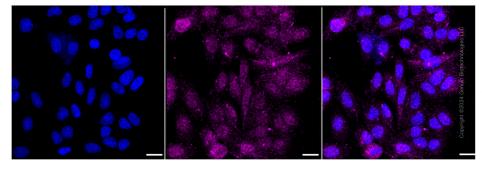


Western blotting analysis using anti-Ubiquitin specific peptidase 5 antibody . Ubiquitin specific peptidase 5 expression in wild type (WT) and Ubiquitin specific peptidase 5 shRNA knockdown (KD) HeLa cells with 20  $\mu g$  of total cell lysates .  $\beta$ -Tubulin serves as a loading control. The blot was incubated with anti-Ubiquitin specific peptidase 5 antibody and HRP-conjugated goat anti-rabbit secondary antibody respectively. Image was developed using anti-NaQ^ $\!^{\text{TM}}$  ECL Substrate Kit .



Ubiquitin specific peptidase 5-Alexa Fluor® 647

Flow cytometric analysis of Ubiquitin specific peptidase 5 expression in HepG2 cells using anti-Ubiquitin specific peptidase 5 antibody . Green, isotype control; red, Ubiquitin specific peptidase



Immunocytochemical staining of HepG2 cells with anti-Ubiquitin specific peptidase 5 antibody . Nuclei were stained blue with DAPI; Ubiquitin specific peptidase 5 was stained magenta with Alexa Fluor® 647. Images were taken using anti-Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar:  $20\ \mu m.$