

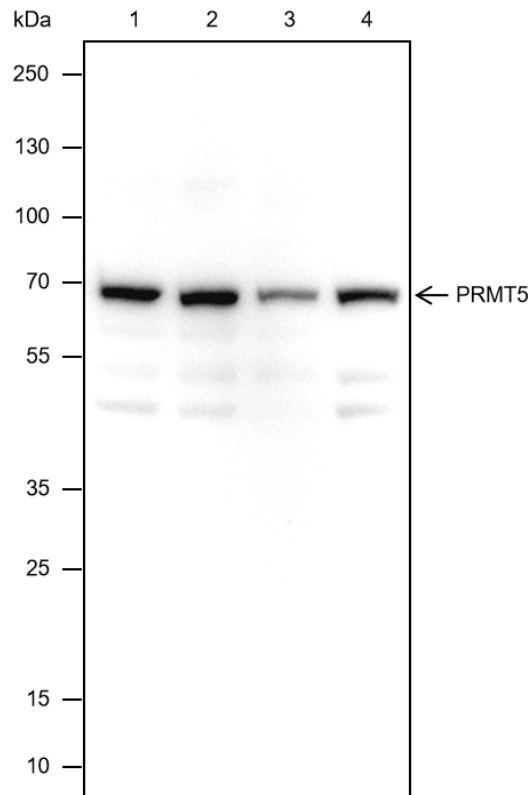
Mouse Anti-USP15 antibody

SLM-60530M

Product Name	USP15
Chinese Name	
Immunogen Species	Mouse
Clonality	Monoclonal
Clone NO.	H4F4
React Species	Human,Mouse,Rat
Applications	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:50-200,IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Cellular localization	The nucleus The cell membrane
Form	Liquid
Concentration	1mg/ml
Lsotype	IgG1/Kappa
Purification	Affinity purified by Protein G
Buffer Solution	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	从靶蛋白中去除结合 Ubiquitin 并调节多种途径的水解酶，如 TGFβ 受体信号、NF-κB 和 RNF41/NRDP1-PRKN 途径。作为 TGF-β 受体信号通路的关键调节因子，但确切机制仍不清楚：根据一份报告，通过促进单 Ubiquitin 化 R-SMADs (SMAD1、SMAD2 和/或 SMAD3) 的去 Ubiquitin 化而起作用，从而减轻对 R-SMADs 的抑制并促进 TGF-β 靶基因的激活。另据报道，通过介导 TGFBR1 的去 Ubiquitin 化和稳定化来调节 TGF-β 受体信号通路，导致 TGF-β 信号增强。能够介导单 Ubiquitin 化底物以及“Lys-48”连接的多 Ubiquitin 链的去 Ubiquitin 化，保护它们免受蛋白酶体降解。也可能通过组蛋白 H2B 的去 Ubiquitin 化调节基因

表达和/或 DNA 修复。

**Product
Picture**



Blocking buffer: 5% NFDM/TBST

Primary Ab dilution: 1:10000

Primary Ab incubation condition: 2 hours at room temperature

Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)

Lysate: 1: HeLa, 2: HEK-293, 3: MCF7, 4: HepG2

Protein loading quantity: 20 μ g

Exposure time: 10 s

Predicted MW: 73 kDa

Observed MW: 70 kDa



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