



SunLong Biotech Co.,LTD  
Tel: 0086-571- 56623320 Fax:0086-571- 56623318  
E-mail:sales@sunlongbiotech.com  
www.sunlongbiotech.com

## [KD-Validated] Anti-Peptidase D Rabbit Monoclonal Antibody

Cat No.: KD-10681

### Aliases:

PEPD; Peptidase D; Xaa-Pro Dipeptidase; Imidodipeptidase; Proline Dipeptidase; X-Pro Dipeptidase; Prolidase; Testicular Tissue Protein Li 138; Aminoacyl-L-Proline Hydrolase; EC 3.4.13.9; PROLIDASE; PRD

### Background:

UniProt Entry: [P12955](#);NCBI Gene Entry: [5184](#)

### Application Information

Molecular Weight: Predicted, 55 kDa, observed, 55 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB2830 Species Reactivity: Human Applications Tested: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human PRD

### Isotype

Rabbit IgG

### Storage Buffer

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

### Storage

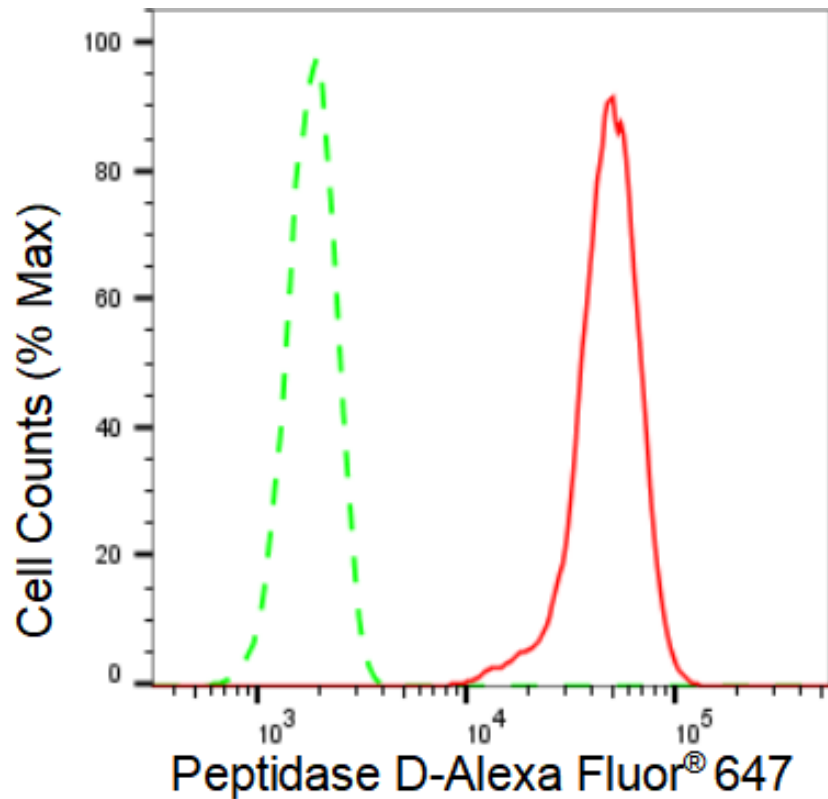
Store at -20 °C for one year.

### Recommended Dilutions

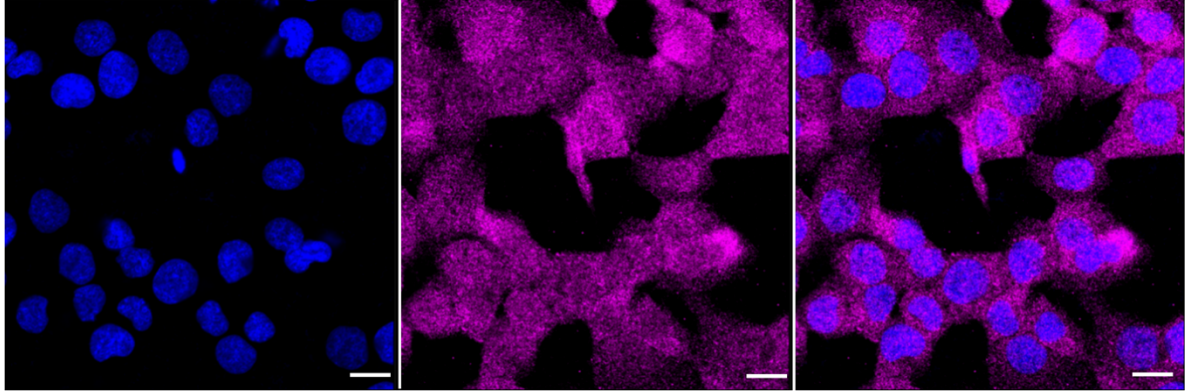
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000  
Immunocytochemistry (IC): 1:1,000

### Protocols

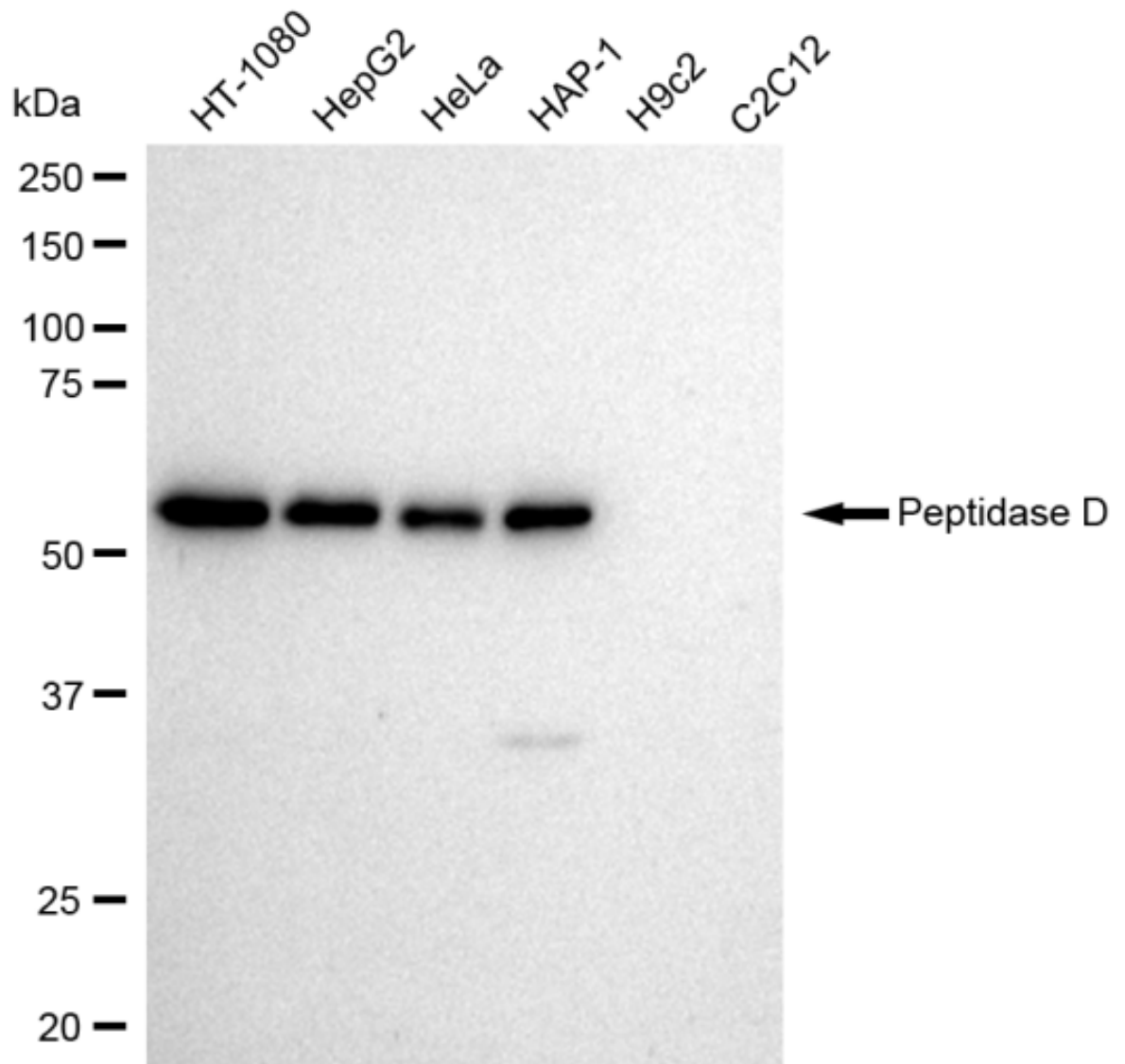
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



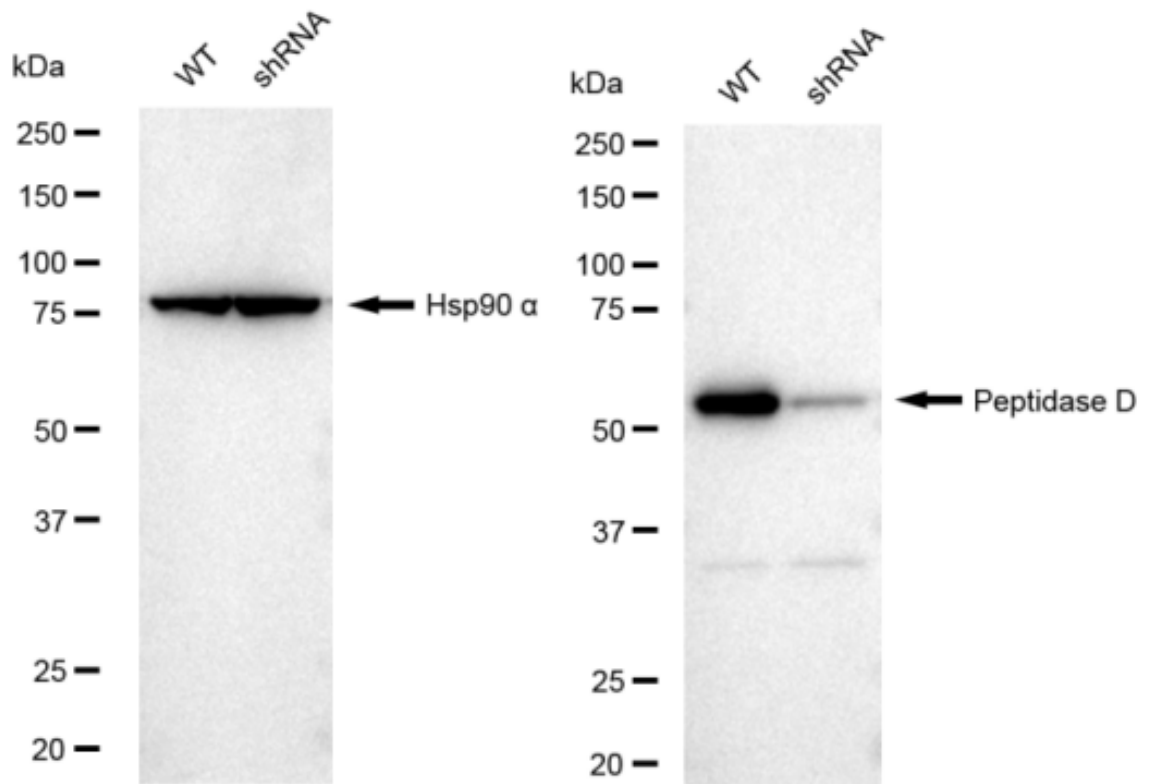
Flow cytometric analysis of Peptidase D expression in HT-1080 cells using Peptidase D antibody 1:2,000. Green, isotype control; red, Peptidase D.



Immunocytochemical staining of HT-1080 cells with Peptidase D antibody 1:1,000. Nuclei were stained blue with DAPI; Peptidase D was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-Peptidase D antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Peptidase D antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .