



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

## [KD-Validated] Anti-Peroxiredoxin 3 Rabbit Monoclonal Antibody

Cat No.: KD-10710

### Aliases:

Peroxiredoxin 3; AOP-1; Antioxidant Protein 1; SP-22; MER5; AOP1; Thioredoxin-Dependent Peroxide Reductase, Mitochondrial; Thioredoxin-Dependent Peroxiredoxin 3; Protein MER5 Homolog; Peroxiredoxin III; Prx-III; HBC189; Epididymis Secretory Sperm Binding Protein; Peroxiredoxin-3; EC 1.11.1.24; EC 1.11.1.15; PRO1748; SCAR32; PPPCD

### Background:

UniProt Entry: [P30048](#);NCBI Gene Entry: [10935](#)

### Application Information

Molecular Weight: Predicted, 28 kDa, observed, 24 kDa Clonality: Rabbit monoclonal antibody Clone ID: 24GB935 Species Reactivity: Human Applications Used: Western Blotting (WB), Flow Cytometry (FCM), Immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human Peroxiredoxin 3

### Isotype

Rabbit IgG

### Storage Buffer

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

#### Storage

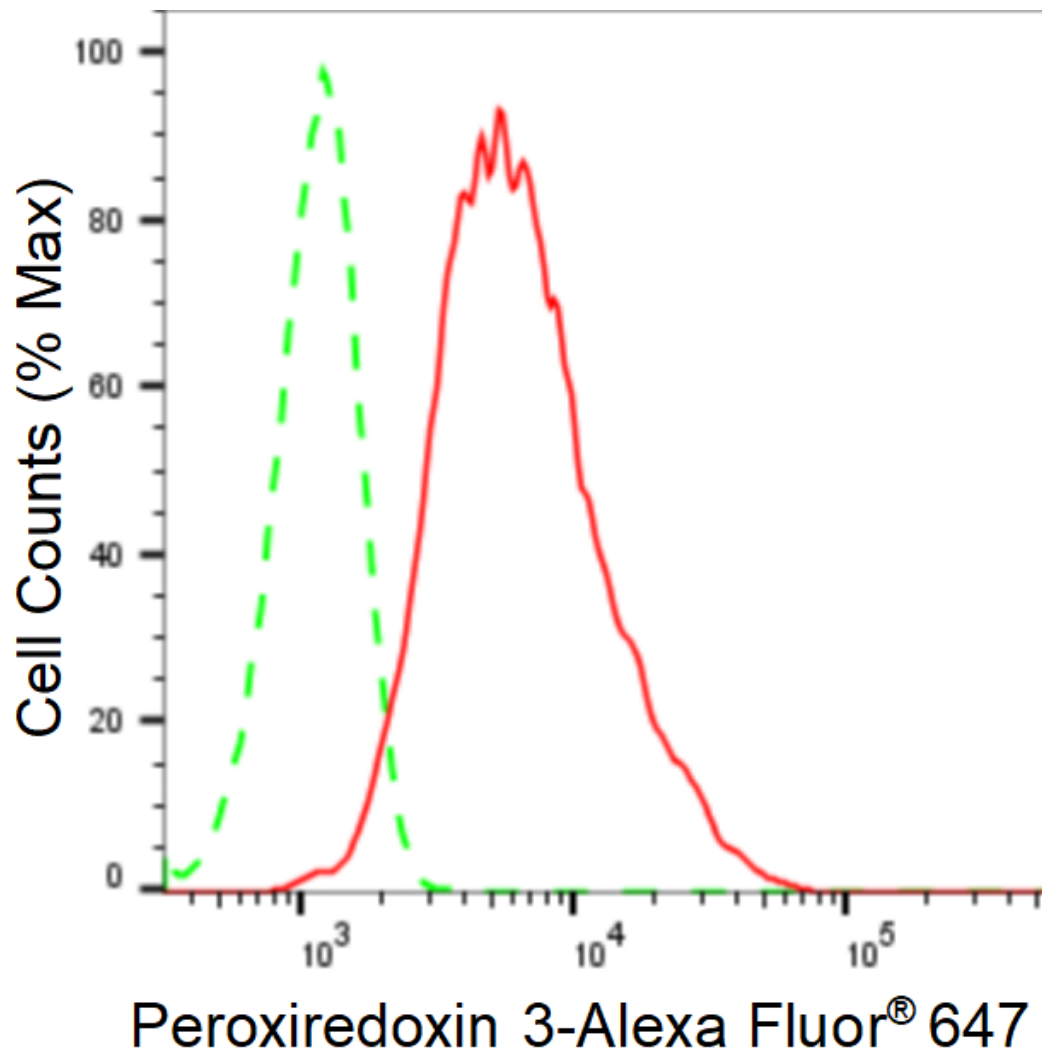
Store at -20 °C for one year.

#### Recommended Dilutions

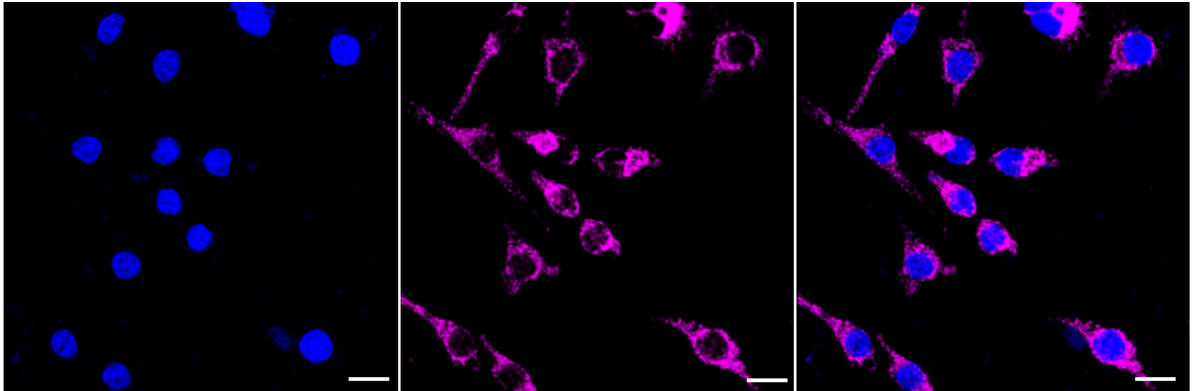
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000  
Immunocytochemistry (IC): 1:1,000

#### Protocols

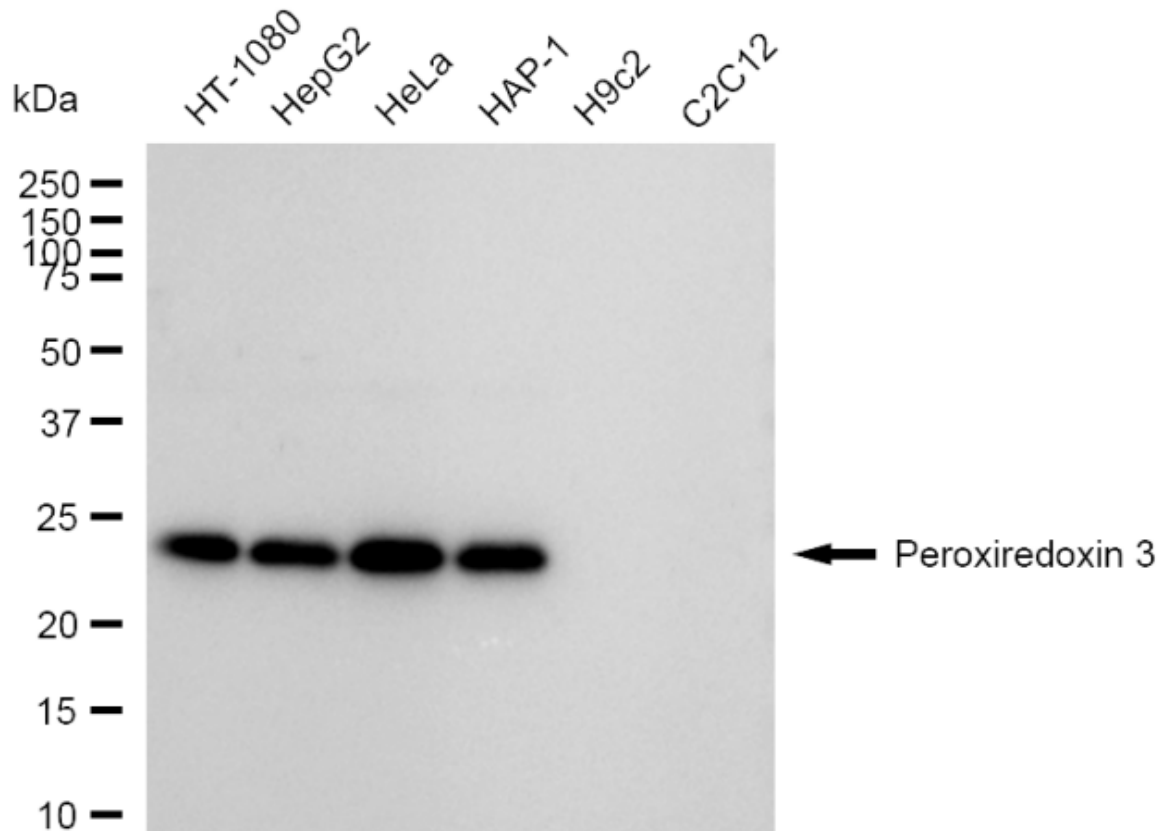
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



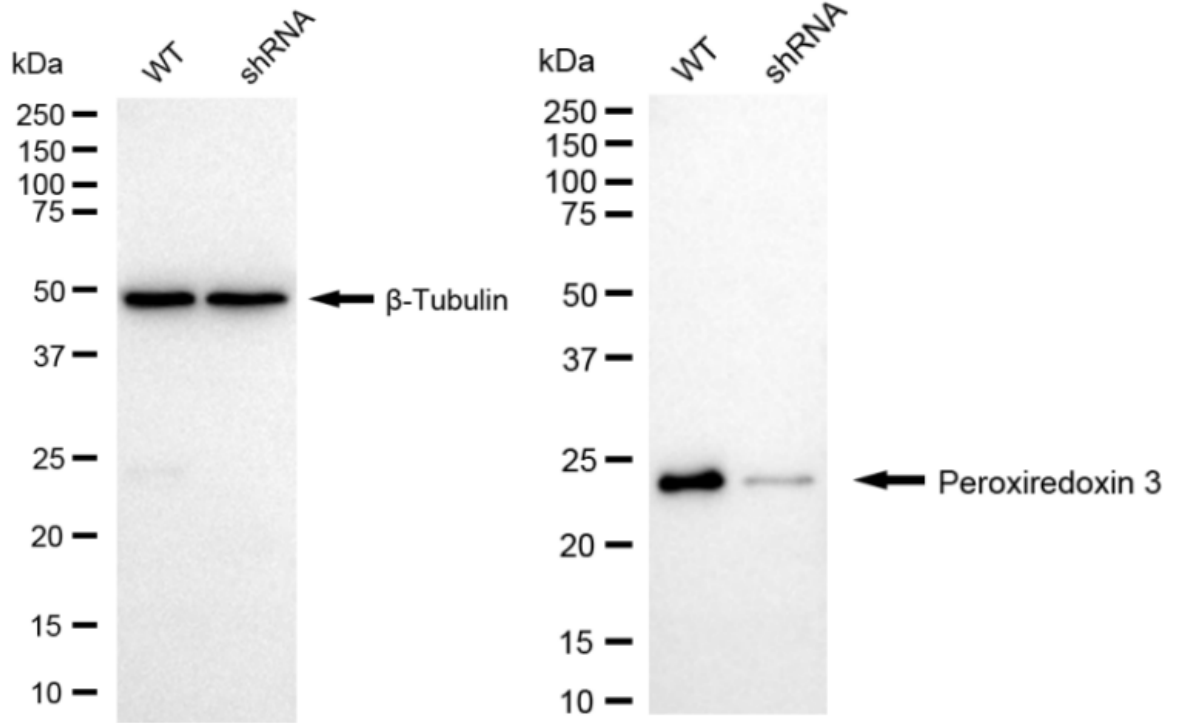
Flow cytometric analysis of Peroxiredoxin 3 expression in HeLa cells using Peroxiredoxin 3 antibody 1:2,000. Green, isotype control; red, Peroxiredoxin 3.



Immunocytochemical staining of HeLa cells with anti-Peroxiredoxin 3 antibody 1:1,000. Nuclei were stained blue with DAPI; Peroxiredoxin 3 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  $\mu$ m.



Western blotting analysis using anti-Peroxiredoxin 3 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-Peroxiredoxin 3 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:20,000 respectively. Image was developed using NaQ™ ECL Substrate Kit .