



Datasheet for ABIN4913200

anti-PPT1 antibody

3 Images



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	PPT1
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PPT1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Flow Cytometry (FACS)

Product Details

Immunogen:	This PPT1 antibody is generated from a mouse immunized with a recombinant protein from human PPT1.
Clone:	10G4
Isotype:	IgG1
Cross-Reactivity:	Human, Mouse
Purification:	Purified by Protein G.

Target Details

Target:	PPT1
Alternative Name:	PPT1 (PPT1 Products)

Target Details

Background: Synonyms: PPT, CLN1, INCL, Palmitoyl-protein thioesterase 1, PPT-1, Palmitoyl-protein hydrolase 1, PPT1
Background: Removes thioester-linked fatty acyl groups such as palmitate from modified cysteine residues in proteins or peptides during lysosomal degradation. Prefers acyl chain lengths of 14 to 18 carbons.

Gene ID: 5538

UniProt: [P50897](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IHC-P 1:200-400

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.5 µg/µL

Buffer: 0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

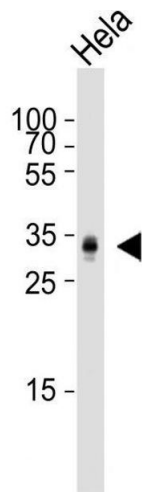
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: 4 °C, -20 °C

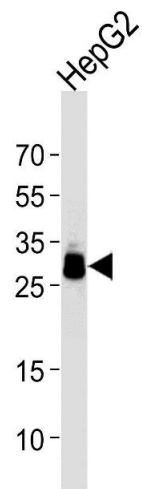
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months



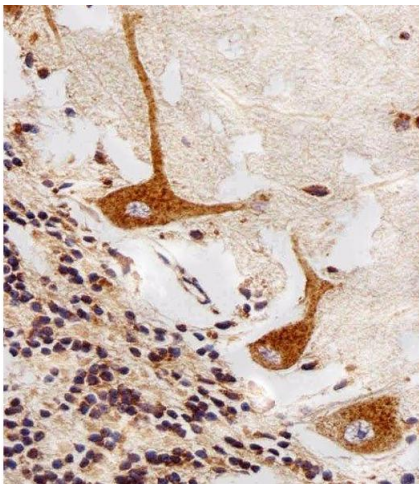
Western Blotting

Image 1. HeLa Cell lysates, probed with PPT1 (1117CT11.2.1.4) Monoclonal Antibody, unconjugated (bsm-51262M) at 1:2000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



Western Blotting

Image 2. HepG2 Cell lysates, probed with PPT1 (1117CT11.2.1.4) Monoclonal Antibody, unconjugated (bsm-51262M) at 1:1000 overnight at 4°C followed by a conjugated secondary antibody for 60 minutes at 37°C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Paraformaldehyde-fixed, paraffin embedded Human cerebellum tissue, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 15 minutes, Blocking buffer (3% BSA) at room temperature for 30min, Antibody incubation with PPT1 (1117CT11.2.1.4) Monoclonal Antibody (bsm-51262M) at 1:25 for 1 hour at 37°C, followed by a conjugated secondary antibody for 20 minutes and DAB staining.