

Datasheet for ABIN5066836
anti-Metallothionein antibody (PerCP)



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1 Image

Overview

| | |
|--------------|--|
| Quantity: | 100 µg |
| Target: | Metallothionein (MT) |
| Reactivity: | Pseudomonas aeruginosa |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Metallothionein antibody is conjugated to PerCP |
| Application: | Western Blotting (WB) |

Product Details

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|-------------------|--|
| Immunogen: | Synthetic peptide from the mid-protein of Pseudomonas aeruginosa Metallothionein |
| Isotype: | IgG |
| Specificity: | Detects ~36 kDa. |
| Cross-Reactivity: | Pseudomonas aeruginosa |
| Purification: | Peptide Affinity Purified |

Target Details

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|-------------------|---|
| Target: | Metallothionein (MT) |
| Alternative Name: | Metallothionein (MT Products) |
| UniProt: | Q9I1X5 |
| Pathways: | Transition Metal Ion Homeostasis , Regulation of Cell Size , Regulation of Carbohydrate |

Target Details

Metabolic Process, Protein targeting to Nucleus

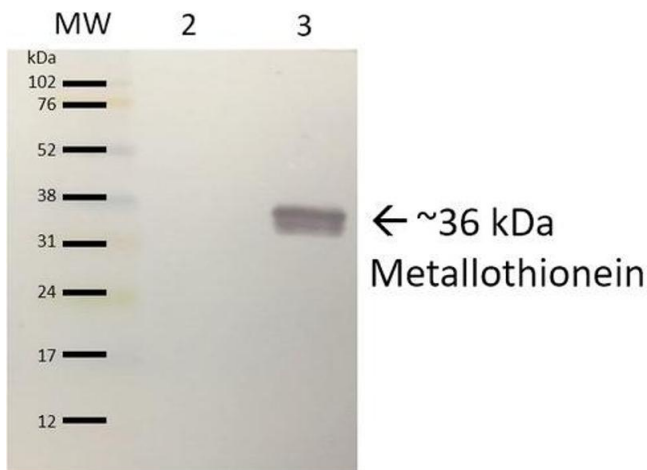
Application Details

| | |
|--------------------|--|
| Application Notes: | <ul style="list-style-type: none">• WB (1:1000)• optimal dilutions for assays should be determined by the user. |
| Comment: | A 1:1000 dilution of ABIN5066836 was sufficient for detection of Metallothionein in 15 µg of pseudomonas aeruginosa purified Metallothionein (pmtA-GST) protein by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody. |
| Restrictions: | For Research Use only |

Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS, 50 % glycerol, 0.09 % sodium azide, Storage buffer may change when conjugated |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C |
| Storage Comment: | Conjugated antibodies should be stored at 4°C |

Images



Western Blotting

Image 1. Western blot analysis of *Pseudomonas aeruginosa* Purified protein showing detection of ~36 kDa (9.07 kDa Metallothionein and 26.4 kDa GST) Metallothionein protein using Rabbit Anti-Metallothionein Polyclonal Antibody (ABIN5066836). Lane 1: Molecular Weight Ladder (MW). Lane 2: Blank. Lane 3: *Pseudomonas aeruginosa* purified protein with GST tag.. Load: 25 µg. Block: 1 % milk, 2 % BSA. Primary Antibody: Rabbit Anti-

Metallothionein Polyclonal Antibody (ABIN5066836) at 1:1000 for 16 hours at 4 °C. Secondary Antibody: Mouse Anti-Rabbit IgG: AP at 1:1000 for 60 min at RT. Color Development: Alkaline phosphate activity colorimetric assay. Predicted/Observed Size: ~36 kDa (9.07 kDa Metallothionein and 26.4 kDa GST). Courtesy of: Michael Lynes and Amy Thees, University of Connecticut.