

## Product Datasheet

### Metallothionein antibody (orb413704)

**Description**

Mouse monoclonal antibody against

|                            |                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species/Host</b>        | Mouse                                                                                                                                                                                                                                                 |
| <b>Reactivity</b>          | Bacteria                                                                                                                                                                                                                                              |
| <b>Conjugation</b>         | Biotin                                                                                                                                                                                                                                                |
| <b>Tested Applications</b> | ELISA, WB                                                                                                                                                                                                                                             |
| <b>Immunogen</b>           | Recombinant full length Pseudomonas aeruginosa Metallothionein protein                                                                                                                                                                                |
| <b>Target</b>              | Metallothionein                                                                                                                                                                                                                                       |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.09% Sodium azide *Storage buffer may change when conjugated                                                                                                                                                               |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                                                                                               |
| <b>Storage</b>             | Conjugated antibodies should be stored at 4°C                                                                                                                                                                                                         |
| <b>Note</b>                | For research use only                                                                                                                                                                                                                                 |
| <b>Application notes</b>   | A 1:1000 dilution of SMC-552 was sufficient for detection of Metallothionein in 1 µg of purified Pseudomonas aeruginosa Metallothionein (PmtA)-GST tagged protein by ECL immunoblot analysis using goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                                                                                                  |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                                                                                            |
| <b>MW</b>                  | 36 kDa                                                                                                                                                                                                                                                |
| <b>Uniprot ID</b>          | <a href="#">Q911X5</a>                                                                                                                                                                                                                                |
| <b>NCBI</b>                | <a href="#">NP_250830.1</a>                                                                                                                                                                                                                           |
| <b>Entrez</b>              | <a href="#">880550</a>                                                                                                                                                                                                                                |
| <b>Dilution Range</b>      | WB (1:1000); ELISA (1:800)                                                                                                                                                                                                                            |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                                                                                       |