

## Product Datasheet

### GPX4 / MCSP Antibody (orb2315664)

|                            |                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | GPX4 / MCSP Antibody                                                                                                                                                             |
| <b>Species/Host</b>        | Mouse                                                                                                                                                                            |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                |
| <b>Conjugation</b>         | Unconjugated                                                                                                                                                                     |
| <b>Tested Applications</b> | ELISA, FC, IF, IHC                                                                                                                                                               |
| <b>Immunogen</b>           | A 375P cells crude extract                                                                                                                                                       |
| <b>Target</b>              | GPX4                                                                                                                                                                             |
| <b>Form/Appearance</b>     | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml. |
| <b>Concentration</b>       | Purified Ab with BSA and Azide at 200ug/ml                                                                                                                                       |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                          |
| <b>Note</b>                | For research use only                                                                                                                                                            |
| <b>Application notes</b>   | Positive Control: MCF7 or HepG2 cells. Human brain or malignant melanoma                                                                                                         |
| <b>Isotype</b>             | IgG1                                                                                                                                                                             |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                       |
| <b>Clone Number</b>        | LHM 2                                                                                                                                                                            |
| <b>MW</b>                  | 21kDa                                                                                                                                                                            |
| <b>Uniprot ID</b>          | <b>P36969</b>                                                                                                                                                                    |

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**Entrez**

**2879**

**Dilution Range**

ELISA (For coating, order antibody without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes); Optimal dilution for a specific application should be determined.

**Expiration Date**

12 months from date of receipt.

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