

## Product Datasheet

### PPOX monoclonal antibody (M01), clone 2F10 (orb2292361)

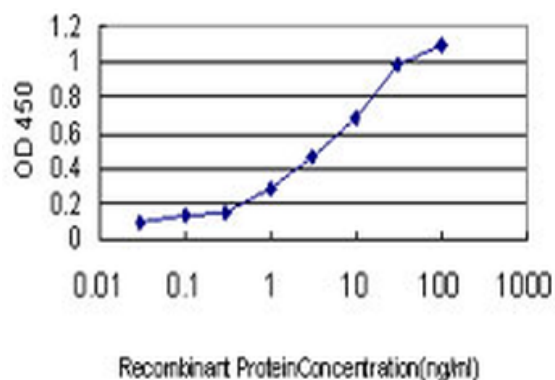
|                            |                                                                                                                                         |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Description</b>         | Mouse monoclonal antibody raised against a partial recombinant PPOX.                                                                    |
| <b>Species/Host</b>        | Mouse                                                                                                                                   |
| <b>Reactivity</b>          | Human                                                                                                                                   |
| <b>Conjugation</b>         | Unconjugated                                                                                                                            |
| <b>Tested Applications</b> | ELISA, IHC-P, WB                                                                                                                        |
| <b>Immunogen</b>           | PPOX (AAH02357, 378 a.a. ~ 477 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.                        |
| <b>Preservatives</b>       | In 1x PBS, pH 7.4                                                                                                                       |
| <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>Protein Sequence</b>    | EASGCVLSQELFQQRAQEAAATQLGLKEMPSHCLVHLHKNCIPQYTLGHWQKLESARQFL<br>TAHRLPLTLGASYEGVAVNDCIESGRQAAVSVLGTEPNS                                 |
| <b>Isotype</b>             | IgG1 Kappa                                                                                                                              |
| <b>Clonality</b>           | Monoclonal                                                                                                                              |
| <b>Clone Number</b>        | 2F10                                                                                                                                    |
| <b>NCBI</b>                | <a href="#">AAH02357</a>                                                                                                                |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                         |

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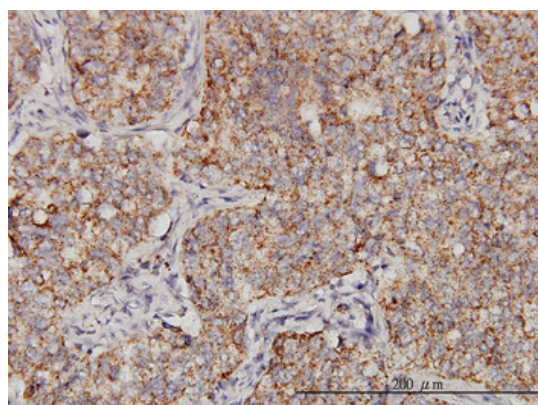
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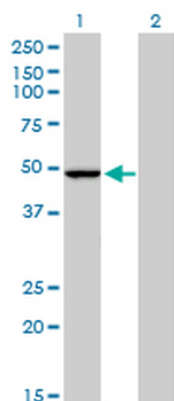
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Detection limit for recombinant GST tagged PPOX is approximately 0.1 ng/ml as a capture antibody.



Immunoperoxidase of monoclonal antibody to PPOX on formalin-fixed paraffin-embedded human lung, adenocarcinoma. [antibody concentration 3 ug/ml]



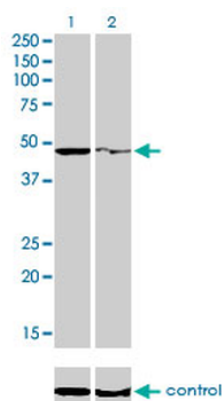
Western Blot analysis of PPOX expression in transfected 293T cell line by PPOX monoclonal antibody (M01), clone 2F10. Lane 1: PPOX transfected lysate (50.8 kDa). Lane 2: Non-transfected lysate.

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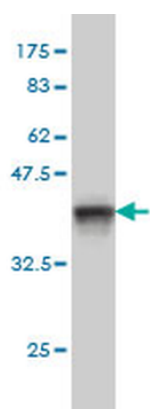
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Western blot analysis of PPOX over-expressed 293 cell line, cotransfected with PPOX Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with PPOX monoclonal antibody (M01), clone 2F10 (Cat # orb2292361). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (36.74 KDa).

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