

## Product datasheet for **AM33189PU-S**

### **ABP1 (AOC1) Mouse Monoclonal Antibody [Clone ID: FP98]**

#### **Product data:**

|                        |   |
|------------------------|---|
| Product Type:          | Primary Antibodies  |
| Clone Name:            | FP98  |
| Applications:          | ELISA   |
| Recommended Dilution:  | <b>ELISA.</b>   |
| Reactivity:            | Human   |
| Host:                  | Mouse   |
| Isotype:               | IgG1  |
| Clonality:             | Monoclonal  |
| Immunogen:             | Recombinant Human Diamine Oxidase (DAO).  |
| Specificity:           | Recognizes Human Diamine oxidase. Other species not tested.   |
| Formulation:           | PBS, pH 7.4<br>State: Purified<br>State: Lyophilized purified Cell Culture Supernatant  |
| Reconstitution Method: | Restore in aqua bidest to 1 mg/ml   |
| Purification:          | Protein G Chromatography  |
| Conjugation:           | Unconjugated  |
| Storage:               | Store lyophilized at 2-8°C for 6 months or at -20°C long term.<br>After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.<br>Avoid repeated freezing and thawing. |
| Stability:             | Shelf life: one year from despatch.   |
| Gene Name:             | amine oxidase, copper containing 1  |
| Database Link:         | <a href="#">Entrez Gene 26 Human P19801</a>   |



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| <b>Background:</b> | Diamine Oxidase belongs to the copper/topaquinone oxidase family. Catalyzes the degradation of compounds such as putrescine, histamine, spermine, and spermidine, substances involved in allergic and immune responses, cell proliferation, tissue differentiation, tumor formation, and possibly apoptosis. Placental DAO is thought to play a role in the regulation of the female reproductive function. |
| <b>Synonyms:</b>   | Diamine oxidase, AOC1, DAO1, Amiloride-binding protein, Histaminase, Kidney amine oxidase   |