

## Product Datasheet

# CYP11A1 Recombinant Mouse Monoclonal Antibody (orb1152013)

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Catalog Number       | orb1152013                                                             |
| Category             | Antibodies                                                             |
| Description          | CYP11A1 Recombinant Mouse Monoclonal Antibody                          |
| Target               | CYP11A1                                                                |
| Clonality            | Recombinant                                                            |
| Species/Host         | Mouse                                                                  |
| Isotype              | IgG1, Kappa                                                            |
| Conjugation          | Unconjugated                                                           |
| Reactivity           | Human                                                                  |
| Predicted Reactivity | Mouse, Rat                                                             |
| Form/Appearance      | Liquid                                                                 |
| Concentration        | 1mg/ml                                                                 |
| Buffer/Preservatives | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol. |
| Purification         | Affinity purified by Protein G                                         |
| Immunogen            | KLH conjugated synthetic peptide derived from human CYP11A1            |
| UniProt ID           | <b>P05108</b>                                                          |
| MW                   | 53/57 kDa                                                              |
| Tested applications  | ICC, IF, IHC-Fr, IHC-P, WB                                             |

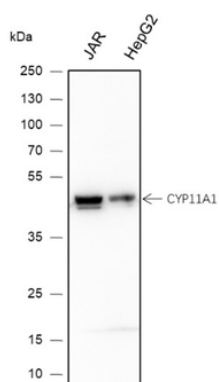
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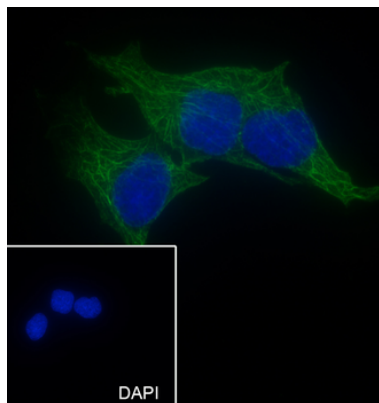
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|                       |                                                                                                                                         |
|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Dilution range</b> | WB=1:500-2000, IHC-P=1:50-200, IHC-F=1:50-200, ICC/IF=1:50-200, IF=1:50-200                                                             |
| <b>Antibody Type</b>  | Primary Antibody                                                                                                                        |
| <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                                                                                                                   |



Blocking buffer: 5% NFDM/TBST, Primary ab Dilution: 1:1000, Primary ab incubation condition: room temperature 2h, Secondary ab: Goat Anti-Mouse IgG H&L (HRP), Lysate: JAR, HepG2, Protein loading quantity: 20 µg, Exposure time: 3 s, Predicted MW: 52 kDa, Observed MW: 52 kDa.



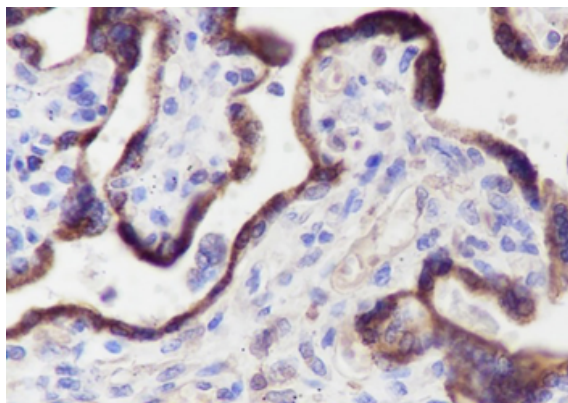
Cell line: HepG2, Fixative: 100% Ice-cold methanol, Permeabilization: 0.1% TritonX-100, Primary ab Dilution: 1:50, Primary incubation condition: 4°C overnight, Secondary ab: Goat Anti-Mouse IgG, Nuclear counter stain: DAPI (Blue), Comment: Color green is the positive signal for orb1152013.

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Tissue: Human placenta, Section type: Formalin fixed & Paraffin-embedded section, Retrieval method: High temperature and high pressure, Retrieval buffer: Tris/EDTA buffer, pH9.0  
Primary ab Dilution: 1:100, Primary ab incubation condition: 1 hour at room temperature, Secondary ab: SP Kit (Mouse),  
Counter stain: Hematoxylin (Blue), Comment: Color brown is the positive signal for orb1152013.

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