

# Anti-Cytochrome P450 4A [R02-5F7] Monoclonal Antibody

## AGMB03096

### Description

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This Anti-Cytochrome P450 4A [R02-5F7] Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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|-----------------------|--|
| <b>SKU:</b>           | AGMB03096  |
| <b>Contents:</b>      | 20µl, 50µl, 100µl<br>Bradford Reagent: 1 vial (2ml)                            |
| <b>Synonyms:</b>      | cytochrome P450 family 4 subfamily A member 11, CP4Y, CYP4A2, CYP4A11, CYP4A11 |
| <b>Applications:</b>  | <b>WB</b> <b>IHC-P</b> <b>IP</b>   |
| <b>Research Area:</b> | Cardiovascular   |
| <b>Form:</b>          | Liquid   |

### Antibody Data

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|                      |   |
|----------------------|---|
| <b>Reactivity:</b>   | Human, Mouse, Rat   |
| <b>Clone:</b>        | R02-5F7   |
| <b>Clonality:</b>    | Monoclonal Antibody   |
| <b>SwissProt ID:</b> | Q02928  |
| <b>Immunogen:</b>    | A synthesized peptide derived from human Cytochrome P450 4A |
| <b>Gene ID:</b>      | 1579  |

#### Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

**Gene Name:** CYP4A11

**Host Species:** Rabbit

**Isotype:** IgG

**Purification:** Affinity Chromatography

**Conjugated:** Unconjugated

**Modification:** Unmodified

**Molecular Weight:** Calculated MW: 59 kDa, Observed MW: 50 kDa

## Preparation & Storage

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**Storage:** Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.  
Store Bradford Reagent at Room Temperature for 1 Year.

**Storage Buffer:** Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.

| <b>Antibody Dilution Ratio:</b> | <b>Application</b> | <b>Antibody Dilution Ratio</b> |
|---------------------------------|--------------------|--------------------------------|
|                                 | WB                 | 1:1000-1:2000                  |
|                                 | IHC                | 1:100-1:200                    |
|                                 | IP                 | 1:50                           |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol.