

# CYP51A1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01526-1**

## Capture Antibody Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>84705-2-PBS                 | <b>Clone ID:</b><br>242166D6               | <b>Conjugate:</b><br>Unconjugated   |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>cytochrome P450, family 51, subfamily A, polypeptide 1 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC032322                | <b>Gene ID:</b><br>1595   |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag4235 |   |

## Detection Antibody Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>84705-1-PBS                 | <b>Clone ID:</b><br>242166A9               | <b>Conjugate:</b><br>Unconjugated   |
| <b>Host:</b><br>Rabbit                                | <b>Reactivity:</b><br>human                | <b>Full name:</b><br>cytochrome P450, family 51, subfamily A, polypeptide 1 |
| <b>Isotype:</b><br>IgG                                | <b>GenBank:</b><br>BC032322                | <b>Gene ID:</b><br>1595   |
| <b>Purification Method:</b><br>Protein A purification | <b>Immunogen Catalog Number:</b><br>Ag4235 |   |

## Applications

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|--|--|---|
| <b>Tested Applications:</b><br>Cytometric bead array | <b>Range:</b><br>0.781-100 ng/mL (Cytometric Bead Array) | <b>Recommended Dilutions:</b><br>It is recommended that this reagent should be titrated in each testing system to obtain optimal results. |
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## Product Information

MP01526-1 targets CYP51A1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: CYP51A1 Recombinant antibody, PBS Only (Capture) 84705-2-PBS (242166D6). 100 µg. Concentration 1 mg/mL.

Detection antibody: CYP51A1 Recombinant antibody, PBS Only (Detector) 84705-1-PBS (242166A9). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

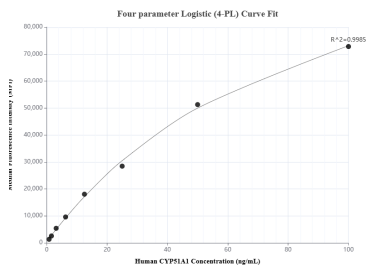
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

# Selected Validation Data



Cytometric bead array standard curve of MP01526-1, CYP51A1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84705-2-PBS. Detection antibody: 84705-1-PBS. Standard: Ag4235. Range: 0.781-100 ng/mL.