

# Prothrombin antibody

**Cat. No. GTX03694**

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Host</b>         | Rabbit                                |
| <b>Clonality</b>    | Polyclonal                            |
| <b>Isotype</b>      | IgG                                   |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr, FCM, ELISA |
| <b>Reactivity</b>   | Human                                 |

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution | Recommended dilution          |
|--------------------|-------------------------------|
| WB                 | 0.1-0.5µg/ml                  |
| ICC/IF             | 0.5-1µg/ml                    |
| IHC-P              | 0.5-1µg/ml                    |
| IHC-Fr             | 0.5-1µg/ml                    |
| FCM                | 1-3µg/1x10 <sup>6</sup> cells |
| ELISA              | 0.1-0.5µg/ml                  |

Not tested in other applications.

**Calculated MW** 70 kDa. ( [Note](#) )

## Properties

|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | 4mg Trehalose, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub>  |
| <b>Preservative</b>  | 0.05mg sodium azide  |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.5 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | E. coli-derived human Prothrombin recombinant protein (Position: Y67-R124).  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography  |
| <b>Conjugation</b>   | Unconjugated   |

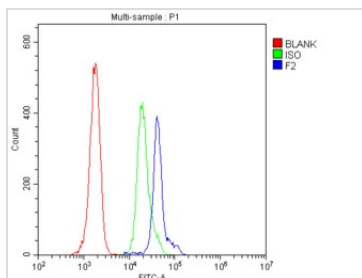


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**Note**

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**DATA IMAGES**

**GTx03694 FCM Image**

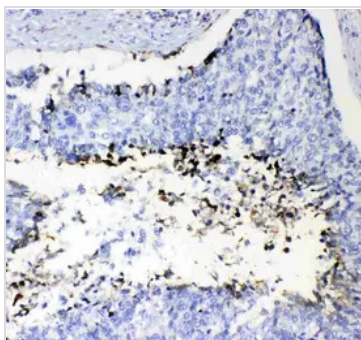
FACS analysis of human PBMC cells using GTx03694 Prothrombin antibody.

Blue : Primary antibody

Green : Isotype control

Red : Unlabelled sample

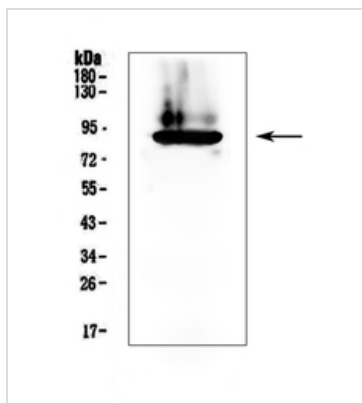
Antibody amount : 1 µg/1x10<sup>6</sup> cells


**GTx03694 IHC-P Image**

IHC-P analysis of human lung cancer tissue using GTx03694 Prothrombin antibody.

Dilution : 1 µg/ml

Antigen retrieval : Heat mediated antigen retrieval was performed in citrate buffer (pH6, epitope retrieval solution) for 20 mins


**GTx03694 WB Image**

WB analysis of human plasma lysate using GTx03694 Prothrombin antibody.

Dilution : 0.5 µg/ml

Loading: 50 µg per lane



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