

## Thrombospondin 2 antibody

Cat. No. GTX11699

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

References ( 2 )

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 |

Not tested in other applications.

Calculated MW 129.99 kDa. ( [Note](#) )

## Properties

|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | 0.1% Na <sub>2</sub> HPO <sub>4</sub> , 0.45% NaCl, 2.5% BSA                                                                                                                                                               |
| <b>Preservative</b>  | 0.025% Thimerosal, 0.025% 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> | 500 µg/ml (Please refer to the vial label for the specific concentration.)                                                                                                                                                 |
| <b>Immunogen</b>     | A synthetic peptide corresponding to a sequence in the middle region of human Thrombospondin 2(637-655aa EAAKTEKQVCEPENPCKDK), different from the mouse sequence by two amino acids.                                       |
| <b>Purification</b>  | Purified by antigen-affinity chromatography                                                                                                                                                                                |
| <b>Conjugation</b>   | Unconjugated                                                                                                                                                                                                               |



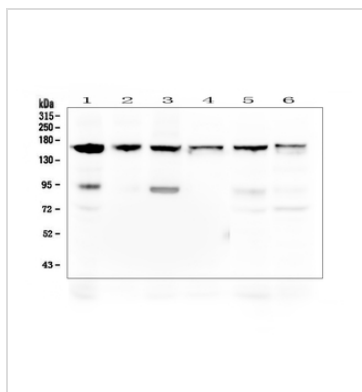
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## Note

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## DATA IMAGES



### GTx11699 WB Image

WB analysis of various samples using GTx11699 Thrombospondin 2 antibody.

Lane 1 : human HeLa whole cell lysates

Lane 2 : human 22RV1 whole cell lysates

Lane 3 : human U-87MG whole cell lysates

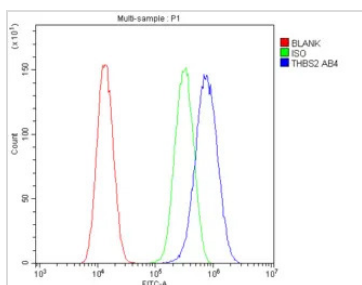
Lane 4 : human THP-1 whole cell lysates

Lane 5 : human PC-3 whole cell lysates

Lane 6 : human Caco-2 whole cell lysates

Dilution : 0.5 µg/mL

Loading : 50µg of sample under reducing conditions



### GTx11699 FCM Image

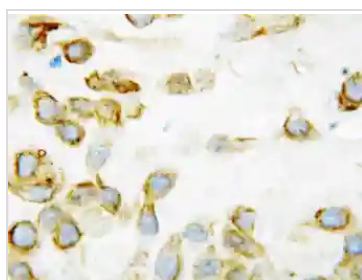
FACS analysis of U87-MG cells using GTx11699 Thrombospondin 2 antibody.

Blue : Primary antibody

Green : Isotype control

Red : Cell only control

Antibody amount : 1µg/1x10<sup>6</sup> cells for 30 min at 20°C



### GTx11699 IHC-P Image

IHC-P analysis of human placenta tissue using GTx11699 Thrombospondin 2 antibody.

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

Dilution : 1µg/ml



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