

## IGFBP7 recombinant antibody

Recombinant Anti-IGFBP7 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                          |
|-----------|--------|-------------------|-------------------------------------------------------|
| AAA266279 | Rabbit | Human, Mouse, Rat | Immunocytochemistry, Immunofluorescence, Western Blot |

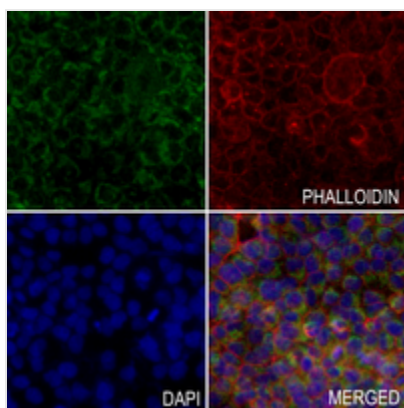
### PRODUCT SYNONYMS

IGFBP7; Monoclonal Recombinant Antibody; Recombinant Anti-IGFBP7 Rabbit mAb; MAC25; PSF; Insulin-like growth factor-binding protein 7; IBP-7; IGF-binding protein 7; IGFBP-7; IGFBP-rP1; MAC25 protein; PGI2-stimulating factor; Prostacyclin-stimulating factor; Tumor-derived adhesion factor; TAF; IGFBP7 recombinant antibody

### PRODUCT SPECIFICATIONS

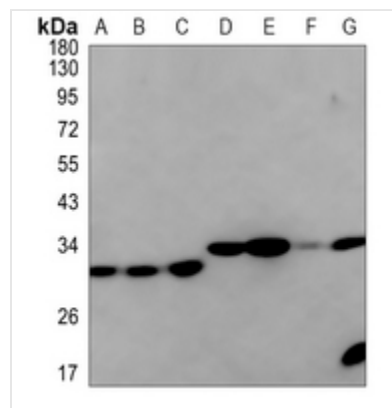
|                                                         |                                                                                                                  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Host                                                    | Rabbit                                                                                                           |
| Reactivity                                              | Human, Mouse, Rat                                                                                                |
| Clonality                                               | Monoclonal                                                                                                       |
| Specificity                                             | Recognizes endogenous levels of IGFBP7 protein                                                                   |
| Purity/Purification                                     | The antibody was purified by immunogen affinity chromatography.                                                  |
| Form/Format                                             | Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.                                  |
| Applicable Applications for IGFBP7 recombinant antibody | ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)                                            |
| Immunogen                                               | KLH-conjugated synthetic peptide encompassing a sequence within human IGFBP7. The exact sequence is proprietary. |
| Preparation and Storage                                 | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.   |

### IMAGES



#### IF (Immunofluorescence)

Immunofluorescent analysis of IGFBP7 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



#### WB (Western Blot)

Western blot analysis of IGFBP7 expression in HEK293T (A), THP1 (B), MCF7 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates. (Predicted band size: 29 kD; Observed band size: 29 kD)

ADDITIONAL INFORMATION

|                                                             |                                                  |
|-------------------------------------------------------------|--------------------------------------------------|
| Related Product Information for IGFBP7 recombinant antibody | Recombinant rabbit monoclonal antibody to IGFBP7 |
| Product Categories/Family for IGFBP7 recombinant antibody   | Primary Antibody                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                       |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 23396609                                                                                                                                                                              |
| NCBI GeneID                      | 3490                                                                                                                                                                                  |
| UniProt Accession #              | Q16270; Q61581                                                                                                                                                                        |
| Molecular Weight                 | 282                                                                                                                                                                                   |
| NCBI Official Full Name          | Insulin-like growth factor-binding protein 7                                                                                                                                          |
| NCBI Official Synonym Full Names | insulin-like growth factor binding protein 7                                                                                                                                          |
| NCBI Official Symbol             | IGFBP7                                                                                                                                                                                |
| NCBI Official Synonym Symbols    | AGM; PSF; TAF; FSTL2; IBP-7; MAC25; IGFBP-7; RAMSVPS; IGFBP-7v; IGFBPRP1                                                                                                              |
| NCBI Protein Information         | insulin-like growth factor-binding protein 7; IGFBP-rP1; angiomodulin; IGF-binding protein 7; PG12-stimulating factor; tumor-derived adhesion factor; prostacyclin-stimulating factor |
| UniProt Protein Name             | Insulin-like growth factor-binding protein 7                                                                                                                                          |
| UniProt Gene Name                | IGFBP7                                                                                                                                                                                |
| UniProt Synonym Gene Names       | MAC25; PSF; IBP-7; IGF-binding protein 7; IGFBP-7; TAF                                                                                                                                |
| UniProt Entry Name               | IBP7_HUMAN                                                                                                                                                                            |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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