

## Mouse anti-Human IGFBP2 Monoclonal Antibody | anti-IGFBP2 antibody

IGFBP2 Monoclonal Antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                  |
|-----------|-------|------------|---------------------------------------------------------------|
| AAA320110 | Mouse | Human      | ELISA, Immunofluorescence, Immunohistochemistry, Western Blot |

### PRODUCT SYNONYMS

IGFBP2; Monoclonal Antibody; IGFBP2 Monoclonal Antibody; Insulin-like growth factor-binding protein 2; BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2; anti-IGFBP2 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                            |
| Reactivity                                       | Human                                                                            |
| Clonality                                        | Monoclonal                                                                       |
| Specificity                                      | IGFBP2 Monoclonal Antibody detects endogenous levels of IGFBP2 protein.          |
| Purity/Purification                              | Affinity purification                                                            |
| Form/Format                                      | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.          |
| Applicable Applications for anti-IGFBP2 antibody | ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)    |
| Immunogen                                        | Purified recombinant fragment of protein IGFBP2 (aa180-328) expressed in E coli. |
| Modification                                     | Unmodified/Total                                                                 |
| Preparation and Storage                          | Store at -20 degree C/1 year                                                     |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human lung cancer (A), rectum (B), prostate (C), colon cancer (D) showing cytoplasmic localization with DAB staining using IGFBP2 Monoclonal Antibody.



#### WB (Western Blot)

Western Blot analysis using IGFBP2 Monoclonal Antibody against truncated IGFBP2-His recombinant protein (1) and truncated IGFBP2 (aa40-328)-hlgGfC transfected CHO-K1 cell lysate (2).

### ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-IGFBP2 antibody | The protein encoded by this gene is one of six similar proteins that bind insulin-like growth factors I and II (IGF-I and IGF-II). The encoded protein can be secreted into the bloodstream, where it binds IGF-I and IGF-II with high affinity, or it can remain intracellular, interacting with many different ligands. High expression levels of this protein promote the growth of several types of tumors and may be predictive of the chances of recovery of the patient. Several transcript variants, one encoding a secreted isoform and the others encoding nonsecreted isoforms, have been found for this gene. [provided by RefSeq, Sep 2015] |
| Product Categories/Family for anti-IGFBP2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------|
| NCBI GI #                        | 55925576                                                                            |
| NCBI GeneID                      | 3485                                                                                |
| NCBI Accession #                 | NP_000588.2                                                                         |
| NCBI GenBank Nucleotide #        | NM_000597.2                                                                         |
| UniProt Accession #              | P18065; Q14619; Q9UCL3                                                              |
| Molecular Weight                 | 34,814 Da                                                                           |
| NCBI Official Full Name          | insulin-like growth factor-binding protein 2                                        |
| NCBI Official Synonym Full Names | insulin-like growth factor binding protein 2, 36kDa                                 |
| NCBI Official Symbol             | IGFBP2                                                                              |
| NCBI Official Synonym Symbols    | IBP2; IGF-BP53                                                                      |
| NCBI Protein Information         | insulin-like growth factor-binding protein 2; IBP-2; IGFBP-2; IGF-binding protein 2 |
| UniProt Protein Name             | Insulin-like growth factor-binding protein 2                                        |
| UniProt Gene Name                | IGFBP2                                                                              |
| UniProt Synonym Gene Names       | BP2; IBP2; IBP-2; IGF-binding protein 2; IGFBP-2                                    |
| UniProt Entry Name               | IBP2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/igfbp2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/320110>