

## Immunotag™ Phospho-IGFBP-3 (Ser183) Antibody

| Antibody Specification |                                                                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog No.            | ITA0974                                                                                                                                                            |
| Product Description    | Immunotag™ Phospho-IGFBP-3 (Ser183) Antibody                                                                                                                       |
| Size                   | 100 µg, 200 µg                                                                                                                                                     |
| Conjugation            | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647                                      |
| IMPORTANT NOTE         | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein         | Phospho-IGFBP-3 (Ser183)                                                                                                                                           |
| Clonality              | Polyclonal                                                                                                                                                         |
| Storage/Stability      | -20°C/1 year                                                                                                                                                       |
| Application            | WB,IHC,ELISA                                                                                                                                                       |
| Recommended Dilution   | WB 1:1000 IHC 1:50-1:200                                                                                                                                           |
| Concentration          | 1 mg/ml                                                                                                                                                            |
| Reactive Species       | Human,Mouse                                                                                                                                                        |
| Host Species           | Rabbit                                                                                                                                                             |
| Immunogen              | A synthesized peptide derived from human IGFBP-3 around the phosphorylation site of Serine 183                                                                     |
| Specificity            | Phospho-IGFBP-3 (Ser183) Antibody detects endogenous levels of IGFBP-3 only when phosphorylated at Serine 183                                                      |
| Purification           | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.            |
| Form                   | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt        |
| Gene Name              | IGFBP3                                                                                                                                                             |
| Accession No.          | P17936                                                                                                                                                             |

## Antibody Specification

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| Alternate Names           | Acid stable subunit of the 140 K IGF complex; Binding protein 29; Binding protein 53; BP 53; BP53; Growth hormone dependent binding protein; IBP 3; IBP-3; IBP3; IBP3_HUMAN; IGF binding protein 3; IGF-binding protein 3; IGFBP 3; IGFBP-3; IGFBP3; Insulin Like Growth Factor Binding Protein 3; Insulin-like growth factor binding protein 3 precursor; Insulin-like growth factor-binding protein 3; |
| Description               | IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors. Also exhibits IGF-independent antiproliferative and apoptotic effects mediated by its receptor TMEM219/IGFBP-3R.                                               |
| Cell Pathway/<br>Category | Primary Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                              |
| Protein MW                | 30 kDa                                                                                                                                                                                                                                                                                                                                                                                                   |
| Usage                     | For Research Use Only! Not for diagnostic or therapeutic procedures.                                                                                                                                                                                                                                                                                                                                     |