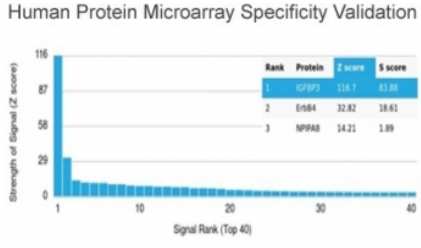
# IGFBP3 Antibody [clone IGFBP3/3517] (V9556)

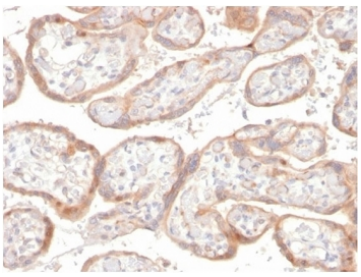
| Catalog No. | Formulation | Size |
|---|---|---|
| V9556-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 100 ug |
| V9556-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide | 20 ug |
| V9556SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free | 100 ug |

## Bulk quote request

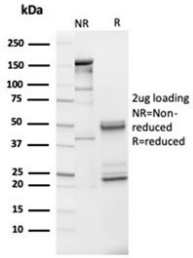
| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Purified |
| **Clonality** | Monoclonal (mouse origin) |
| **Isotype** | Mouse IgG2b, kappa |
| **Clone Name** | IGFBP3/3517 |
| **Purity** | Protein A/G affinity |
| **UniProt** | P17936 |
| **Localization** | Cytoplasm, Nucleus |
| **Applications** | Immunohistochemistry (FFPE) : 1-2ug/ml |
| **Limitations** | This IGFBP3 antibody is available for research use only. |




Analysis of HuProt(TM) microarray containing more than 19,000 full-length human proteins using IGFBP3 antibody (clone IGFBP3/3517). These results demonstrate the foremost specificity of the IGFBP3/3517 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If the targets on the HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.



IHC staining of FFPE human placental tissue with IGFBP3 antibody (clone IGFBP3/3517)at 2ug/ml in PBS. HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.




SDS-PAGE analysis of purified, BSA-free IGFBP3 antibody (clone IGFBP3/3517) as confirmation of integrity and purity.

## Description

The Insulin-like growth factor-binding proteins, or IGFBPs, are a family of homologous proteins that have co-evolved with the IGFs. They serve not only as shuttle molecules for the soluble IGFs, but also confer a level of regulation to the IGF signaling system. IGFBP3 is the most abundant IGFBP and is complexed with roughly 80% of the serum IGFs.

## Application Notes

Optimal dilution of the IGFBP3 antibody should be determined by the researcher.

## Immunogen

Recombinant human full-length IGFBP3 protein was used as the immunogen for the IGFBP3 antibody.

## Storage

Aliquot the IGFBP3 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Ordering: Phone: 858.663.9055 | Fax: 1.267.821.0800 | Email: info@nsjbio.com