

**PRODUCT INFORMATION**

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| <b>Clone ID</b>                         | 3H1  |
| <b>Target</b>                           | IGF1   |
| <b>Synonyms</b>                         | IGF;MGF;IGFI;IGF-I   |
| <b>Host Species</b>                     | Rabbit   |
| <b>Description</b>                      | Anti-IGF1 antibody(3H1), IgG1 Chimeric mAb   |
| <b>Delivery</b>                         | In Stock   |
| <b>Uniprot ID</b>                       | P05019   |
| <b>IgG type</b>                         | Rabbit/Human Fc chimeric IgG1  |
| <b>Clonality</b>                        | Monoclonal   |
| <b>Reactivity</b>                       | Human  |
| <b>Applications</b>                     | ELISA  |
| <b>Recommended Dilutions</b>            | ELISA 1/5000-10000   |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.   |
| <b>Storage &amp; Shipping</b>           | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.  |
| <b>Background</b>                       | The protein encoded by this gene is similar to insulin in function and structure and is a member of a family of proteins involved in mediating growth and development. The encoded protein is processed from a precursor, bound by a specific receptor, and secreted. Defects in this gene are a cause of insulin-like growth factor I deficiency. Alternative splicing results in multiple transcript variants encoding different isoforms that may undergo similar processing to generate mature protein. [provided by RefSeq, Sep 2015] |
| <b>Usage</b>                            | Research use only  |
| <b>Conjugate</b>                        | Unconjugated   |



### Anti-IGF1 (3H1) mAb ELISA

0.1 $\mu$ g of IGF1, hFc tagged protein per well

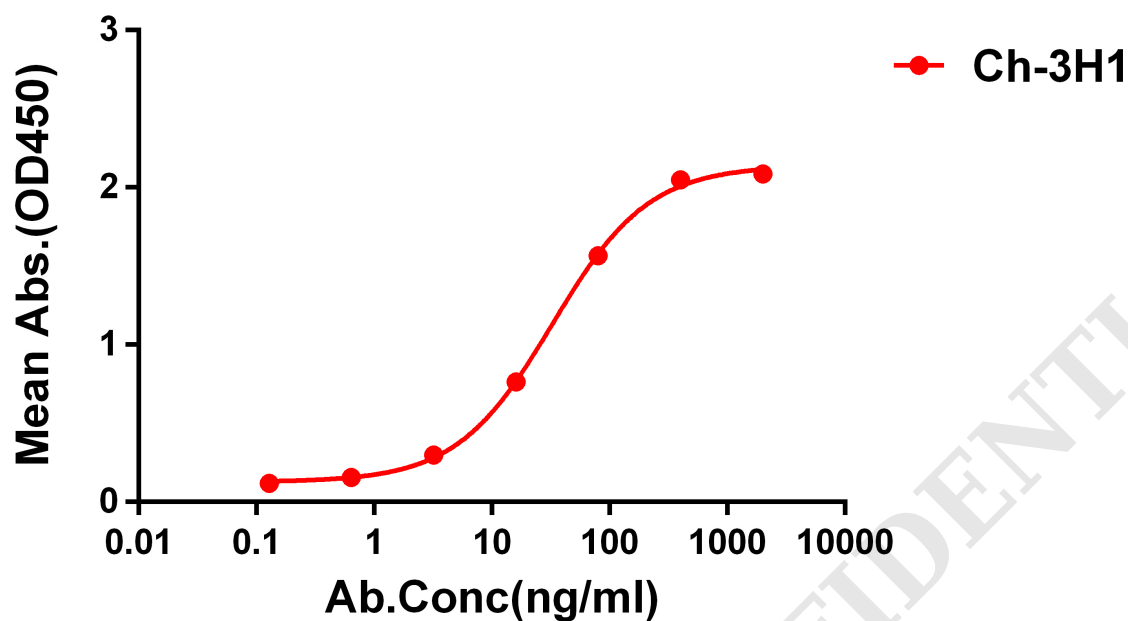


Figure 1. ELISA plate pre-coated by 1  $\mu$ g/ml (100  $\mu$ l/well) Human IGF1, hFc tagged protein can bind Rabbit anti-IGF1 monoclonal antibody(clone: 3H1) in a linear range of 10-100 ng/ml.

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