

## 12-9643: Anti-IGF1 antibody(3H1), IgG1 Chimeric mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	3H1
<b>Application :</b>	ELISA
<b>Reactivity :</b>	Human
<b>Gene :</b>	IGF1
<b>Uniprot ID :</b>	P05019
<b>Alternative Name :</b>	IGF;MGF;IGFI;IGF-I
<b>Isotype :</b>	Rabbit/Human Fc chimeric IgG1

### Description

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]

### Product Info

<b>Amount :</b>	10µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</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 condition :</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.

### Application Note

ELISA 1/5000-10000

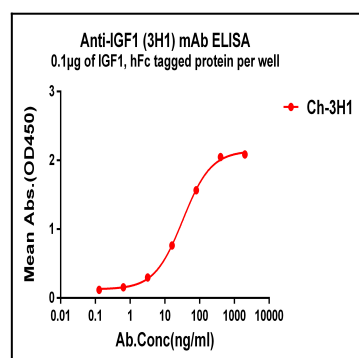


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IGF1, hFc tagged protein can bind Rabbit anti-IGF1 monoclonal antibody(clone: 3H1) in a linear range of 10-100 ng/ml.