

PRODUCT INFORMATION

Clone ID	3H1
Target	IGF1
Synonyms	IGF;MGF;IGFI;IGF-I
Host Species	Rabbit
Description	Anti-IGF1 antibody(3H1), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P05019
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA
Recommended Dilutions	ELISA 1/5000-10000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated



Anti-IGF1 (3H1) mAb ELISA 0.1µg of IGF1, hFc tagged protein per well

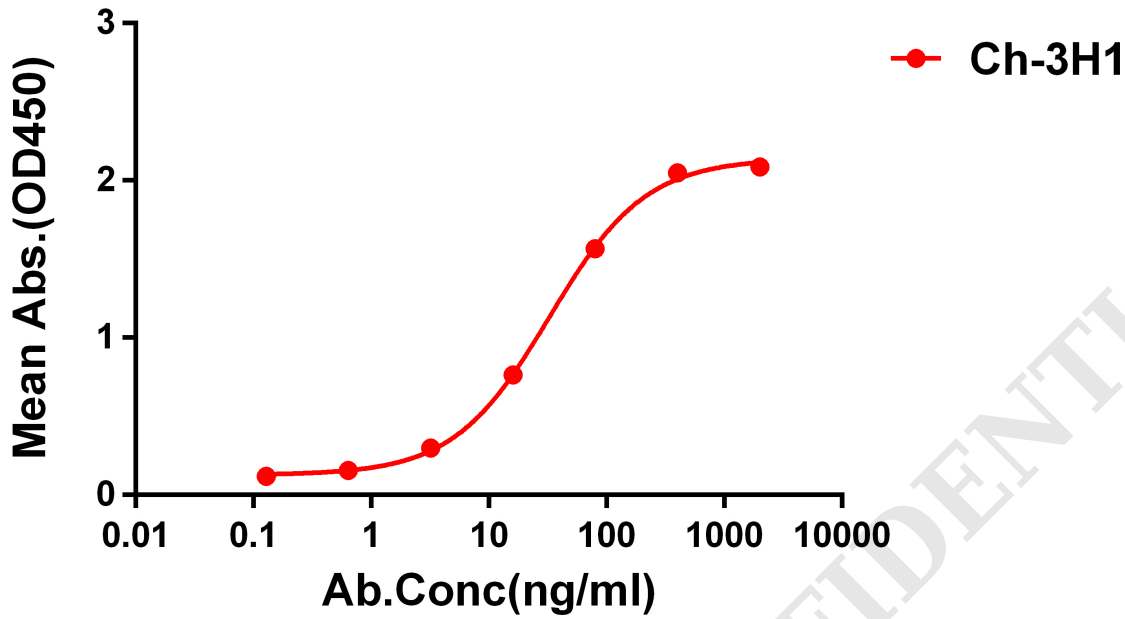


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IGF1, hFc tagged protein can bind Rabbit anti-IGF1 monoclonal antibody(clone: 3H1) in a linear range of 10-100 ng/ml.

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