

PRODUCT INFORMATION

Clone ID	1A12
Target	IL31
Synonyms	Interleukin-31;IL-31
Host Species	Rabbit
Description	Anti-IL31 antibody(1A12), IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	Q6EBC2
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
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Formulation & Reconstitution	Powder
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).
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma (Dillon et al., 2004 [PubMed 15184896]).[supplied by OMIM, Mar 2008]
Usage	Research use only
Conjugate	Unconjugated



Anti-IL31 antibody(1A12), IgG1 Chimeric mAb ELISA 0.1µg of Human IL31, His tagged protein per well

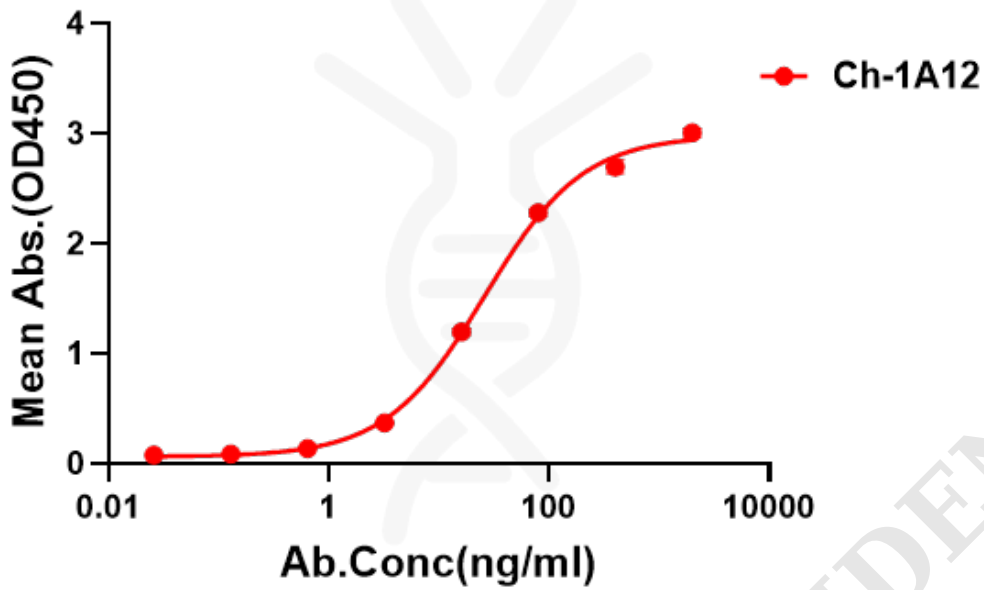


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human IL31 Protein, His Tag can bind IgG1 Chimeric anti-IL31 monoclonal antibody(clone: 1A12) in a linear range of 3.2-80 ng/ml.

