

## **PRODUCT INFORMATION**

Clone ID 6G1

Feline IL31 **Target** 

**Synonyms** nterleukin-31 IL-31

**Host Species** Rabbit

Description Anti-Feline IL31 antibody(6G1), Rabbit mAb

**Delivery** In Stock

**Uniprot ID** XP 011286140.1

IgG type Rabbit IgG Clonality Monoclonal Reactivity Feline **Applications ELISA** 

Recommended

**Dilutions** 

ELISA 1/5000-10000

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution

lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

IL31, which is made principally by activated Th2type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively

Background

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

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under

Email: info@dimabio.com Website: www.dimabio.com

patent application. Any protein sequencing or **DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

ensure no IP infringement.





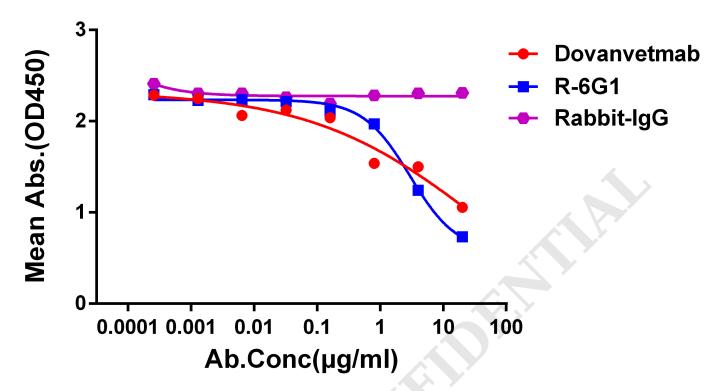


Figure 1. Elisa plates were pre-coated with His Tagged Feline IL31 protein (0.1 $\mu$ g/per well). 1 $\mu$ g of Feline IL31RA, mFc Tagged protein and serial dilutions of anti-Feline IL31 monoclonal antibody were added, and Goat anti Mouse IgG(Horseradish Peroxidase Conjugate) was used as the secondary antibody. From the above data, the biosimilar(Red) and clone 6G1(Blue) have good competitive activity, and Rabbit IgG(Purple) was used as the Isotype Control.



