

PRODUCT INFORMATION

Clone ID 3E1

Canine IL31 **Target**

Synonyms Interleukin-31 IL-31

Host Species Rabbit

Description Anti-Canine IL31 antibody(3E1), Rabbit mAb

Delivery In Stock **Uniprot ID** C7G0W1 IgG type Rabbit IgG Clonality Monoclonal Reactivity Canine

Recommended

Dilutions

Background

Applications

ELISA 1/5000-10000

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

chromatography

ELISA

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

> 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

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

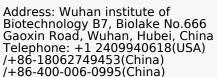
Conjugate Unconjugated

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

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







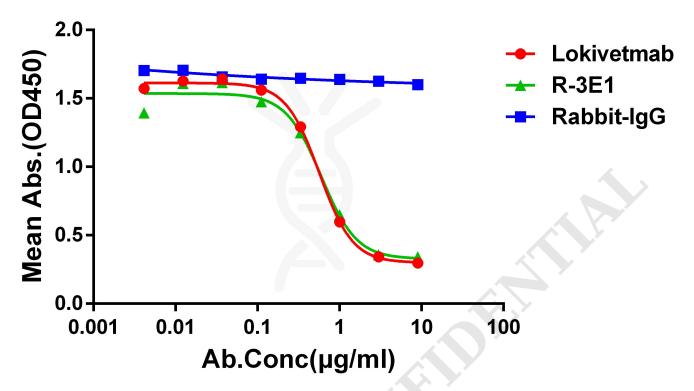


Figure 1. Elisa plates were pre-coated with His Tagged Canine IL31 protein ($0.1\mu g/per$ well). $1\mu g$ of Canine IL31RA, mFc Tagged protein and serial dilutions of anti-Canine IL31 monoclonal antibody were added, and Goat anti Mouse IgG(Horseradish Peroxidase Conjugate) was used as the secondary antibody. From the above data, the biosimilar(Red) and clone 3E1(Green) have good competitive activity, and Rabbit IgG(Blue) was used as the Isotype Control.



