

Anti-IL-37 Antibody (9W745)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9W745
Purification:	Protein A

Applications

Application:	ELISA,ELISA(Cap)
Recommended	ELISA: 1:1000-1:2000; ELISA(Cap): 1:250-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human IL37 / IL1F7 / IL-1H4 Protein (TMPY-02597)
Antigen Species:	Human
Synonyms:	IL-1F7;FIL1Z;IL1H4;IL-1RP1;IL37;IL1F7;FIL1;FIL1(ZETA);interleukin 37;IL1RP1;FIL1(ζ);IL-1H4;IL-1H;IL-37

Research Background

Interleukin 1 family member 7, or interleukin 37 (IL1F7 / IL37 / IL-1H4) is a secretory protein belonging to the Interleukin 1 family. IL-1F7 was localized in human peripheral monocytic cells. It has been localized the expression of IL-1F7b protein in discrete cell populations including plasma cells and tumor cells. These data suggest that IL-1F7 may be involved in immune response, inflammatory diseases, and/or cancer. Through constructing an adenoviral vector that allows high-level expression in murine and human cells, it has been demonstrated that the ability of adenovirus-mediated gene transfer of IL1F7 to induce an IL-12- and Fas ligand-dependent anti-tumor response. Complete inhibition of tumor growth was observed following multiple injections of IL1F7 in most animals. These results suggest that IL1F7 could play a role in both innate and adaptive immune responses, similar to IL-18. Moreover, IL1F7 could be useful for cancer gene therapy.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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