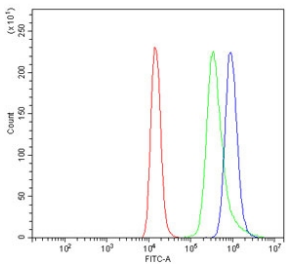
Interleukin 37 Antibody / IL37 (RQ6257)

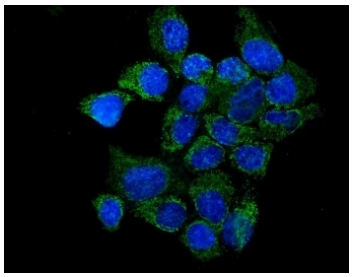
Catalog No.	Formulation	Size
RQ6257	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

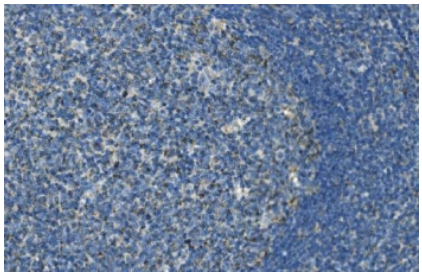
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9NZH6
Applications	Immunohistochemistry (FFPE): 2-5ug/ml Immunofluorescence: 5ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Interleukin 37 antibody is available for research use only.



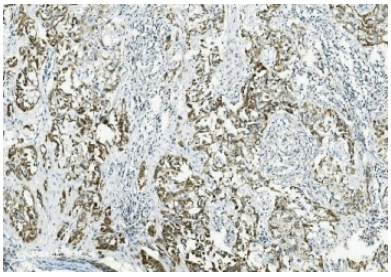
Flow cytometry testing of human Raji cells with Interleukin 37 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Interleukin 37 antibody.



Immunofluorescent staining of FFPE human A431 cells with Interleukin 37 antibody (green) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



IHC staining of FFPE human tonsil with Interleukin 37 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human lymphocytic tumor tissue with Interleukin 37 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.

Description

Interleukin 37 (IL-37), also known as IL-1 family member 7 (IL-1F7), is an anti-inflammatory cytokine. Interleukines are cytokines that make an important part of immune signaling. It belongs to the interleukin-1 family. This protein is in humans encoded by the IL37 gene located on the chromosome 2. The mechanism of IL-37 functions is still to be elucidated. IL-37 possesses not only anti-inflmammatory effects but it is also important in antimicrobial response or antitumor immunity. The IL-37 acts intracellulary and extracellulary.

Application Notes

Optimal dilution of the Interleukin 37 antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids V46-D218) was used as the immunogen for the Interleukin 37 antibody.

Storage

After reconstitution, the Interleukin 37 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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