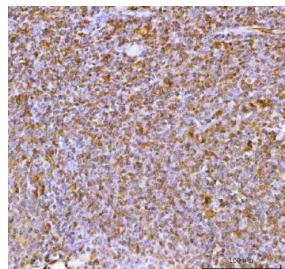


Interleukin 34 Antibody (RQ7082)

Catalog No.	Formulation	Size
RQ7082	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
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q6ZMJ4
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Direct ELISA : 0.1-0.5ug/ml
Limitations	This Interleukin 34 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with Interleukin 34 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) HepG2, 2) A549 and 3) SH-SY5Y cell lysate with Interleukin 34 antibody. Predicted molecular weight ~26 kDa, secreted as an ~39 kDa homodimer that may be glycosylated.

Description

Interleukin 34 (IL-34) is a protein belonging to a group of cytokines called interleukins. It was originally identified in humans, by large scale screening of secreted proteins; chimpanzee, murine, rat and chicken interleukin 34 orthologs have also been found. The protein is composed of 241 amino acids, 39 kilodaltons in mass, and forms homodimers. IL-34 increases growth or survival of immune cells known as monocytes; it elicits its activity by binding the Colony stimulating factor 1 receptor. This gene is mapped to 16q22.1.

Application Notes

Optimal dilution of the Interleukin 34 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N21-R48) was used as the immunogen for the Interleukin 34 antibody.

Storage

After reconstitution, the Interleukin 34 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.