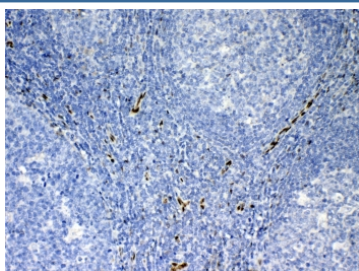


IL-33 Antibody (R32819)

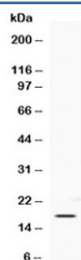
Catalog No.	Formulation	Size
R32819	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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
Buffer	Lyophilized from 1X PBS with 2.5% BSA, 0.025% sodium azide
UniProt	O95760
Applications	Western Blot : 0.5-1ug/ml IHC (FFPE) : 1-2ug/ml ELISA (Capture; Recombinant Human Protein) : 0.1-0.5ug/ml (BSA-free formulation available)
Limitations	This IL-33 antibody is available for research use only.



IHC testing of FFPE human tonsil tissue with IL-33 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



Western blot testing of recombinant human partial protein with IL-33 antibody at 0.5ug/ml.

Description

Interleukin 33 (IL-33) is a protein that in humans is encoded by the IL33 gene. The protein encoded by this gene is a cytokine that binds to the IL1RL1/ST2 receptor. The encoded protein is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. Several transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the IL-33 antibody should be determined by the researcher.

Immunogen

A recombinant human protein corresponding to amino acids A95-T270 was used as the immunogen for the IL-33 antibody.

Storage

After reconstitution, the IL-33 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.