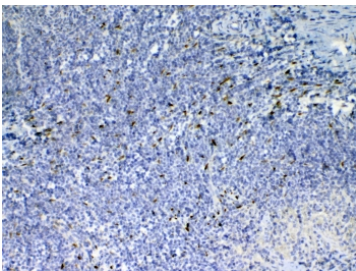


II33 Antibody (R32998)

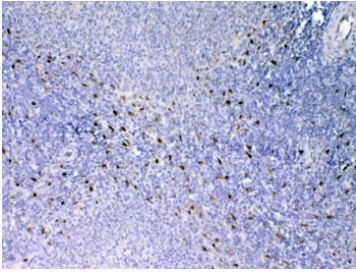
Catalog No.	Formulation	Size
R32998	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

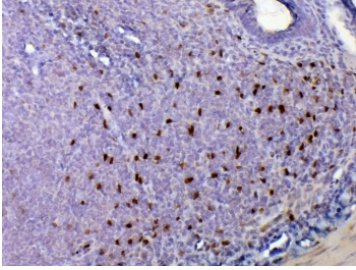
Availability	1-3 business days
Species Reactivity	Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q66H70
Localization	Nuclear, cytoplasmic, secreted
Applications	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml ELISA (Capture) : 0.1-0.5ug/ml
Limitations	This II33 antibody is available for research use only.



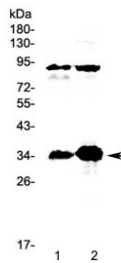
IHC testing of FFPE mouse spleen tissue with II33 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



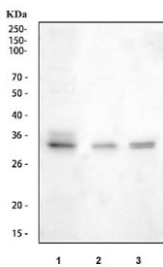
IHC testing of FFPE rat spleen tissue with Il33 antibody at 1ug/ml. Required HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to testing.



IHC testing of FFPE rat lymph tissue with Il33 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 rat 1) spleen and 2) lung tissue lysate with Il33 antibody at 0.5ug/ml. Predicted molecular weight ~31 kDa.



Western blot testing of 1) rat lung, 2) mouse lung and 3) mouse RAW264.7 cell lysate with Il33 antibody at 0.5ug/ml. Predicted molecular weight ~31 kDa.

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 Il33 antibody should be determined by the researcher.

Immunogen

A recombinant rat partial protein corresponding to amino acids A102-M264 was used as the immunogen for the Il33 antibody.

Storage

After reconstitution, the Il33 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

