

Product Datasheet

Anti-IL33 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL04438

Product Information

Product name	Anti-IL33 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:500
Cellular localization	Chromosome, Cytoplasm, Cytoplasmic vesicle, Nucleus, Secreted.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background

The interleukins (ILs) are a broad family of well characterized cytokines, primarily of hematopoietic cell origin. IL-33 is involved in the maturation of Th2 cells and the activation of mast cells, basophils, eosinophils and natural killer cells. The specific functions of different interleukins vary from the regulation of inflammatory and immune responses to the regulation of other interleukins.

Immunogen

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IL33.

Purification

Polyclonal antibody was purified by Protein A affinity chromatography.

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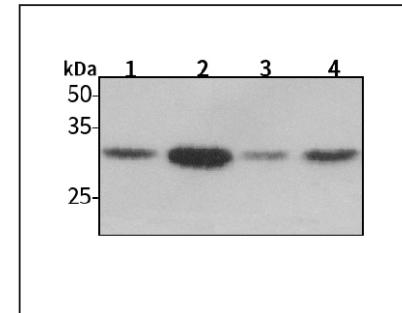
Anti-IL33 Rabbit pAb

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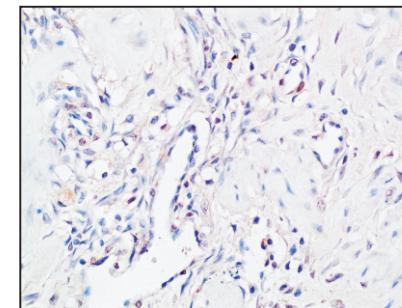
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Product Images



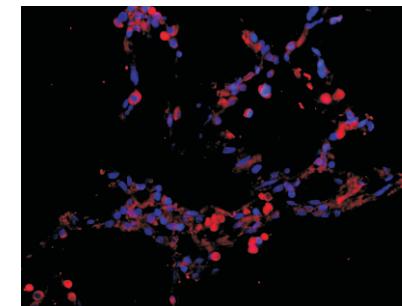
Western blot-Anti-IL33 pAb

Lane 1: Mouse heart tissue lysate
Lane 2: Mouse liver tissue lysate
Lane 3: Rat lung tissue lysate
Lane 4: Rat colon tissue lysate
All lanes: Anti-IL33 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size: 30 kDa
Observed band size: 15-30 kDa



Immunohistochemistry-Anti-IL33 pAb

Immunohistochemical analysis of paraffin-embedded rat uterus using anti-IL33 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-IL33 pAb

Immunofluorescence analysis of paraffin-embedded human lung using anti-IL33 Rabbit Antibody at 1:500 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

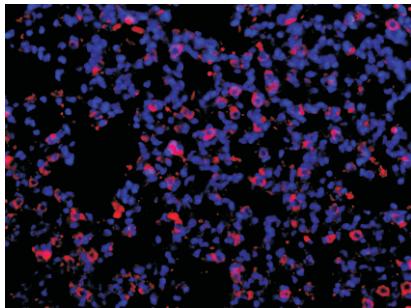
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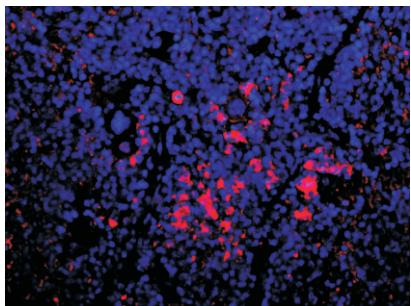
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Immunofluorescence-Anti-IL33 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-IL33 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.



Immunofluorescence-Anti-IL33 pAb

Immunofluorescence analysis of paraffin-embedded mouse spleen using anti-IL33 Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0.