

## Product Datasheet

### Anti-IL15 Rabbit pAb

For Research Use Only. Not For Use In Diagnostic Procedures



WL04219

### Product Information

Product name	Anti-IL15 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat, Rabbit	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:100-1:400
Cellular localization	Secreted and Cytoplasm. Nucleus	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. <b>Avoid freeze/thaw cycles.</b>	
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**

Interleukin-15 (IL15), also designated IL-T, is a cloned cytokine which shares several biological activities but no sequence homology with IL2. IL15 stimulates the proliferation of T cells and NK cells, while enhancing B cell expansion and antibody production. Unlike IL2, IL15 is not produced by lymphocytes, but appears to be produced by macrophages, epithelial lines, muscle and placenta. IL15 has also been shown to be a chemoattractant for human blood T lymphocytes and to be able to induce lymphokine-activated killer (LAK) activity in NK cells as well as to be able to induce the generation of cytolytic effector cells. Studies have shown that IL15 is the only other cytokine that shares the  $\beta$  signaling subunit of the IL2R.

**Immunogen**

Polyclonal antibody is produced by immunizing animals with a synthetic peptide of IL15.

**Purification**

Polyclonal antibody was purified by immunogen affinity chromatography.

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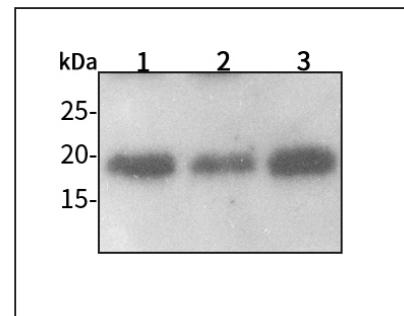
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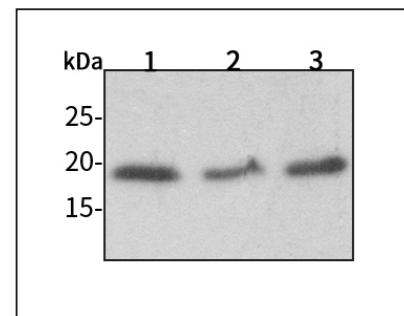
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### Product Images



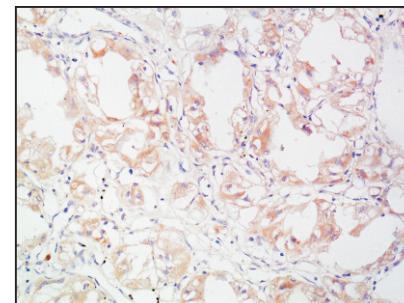
**Western blot-Anti-IL15 pAb**

Lane 1: Human HeLa cell lysate  
Lane 2: Human MCF-7 cell lysate  
Lane 3: Human HEK-293 cell lysate  
All lanes: Anti-IL15 at 1:1000 dilution  
Lysates/proteins at 20-50 µg per lane.  
Predicted band size: 18 kDa  
Observed band size: 18 kDa



**Western blot-Anti-IL15 pAb**

Lane 1: Mouse liver tissue lysate  
Lane 2: Mouse colon tissue lysate  
Lane 3: Rat stomach tissue lysate  
All lanes: Anti-IL15 at 1:1000 dilution  
Lysates/proteins at 20-50 µg per lane.  
Predicted band size: 18 kDa  
Observed band size: 18 kDa



**Immunohistochemistry-Anti-IL15 pAb**

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti-IL15 Rabbit Antibody at 1:200 dilution.  
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

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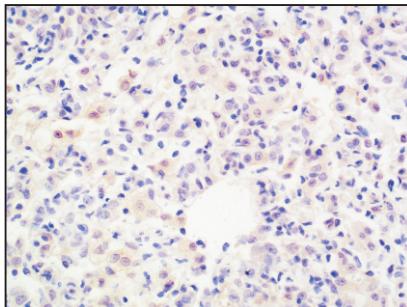
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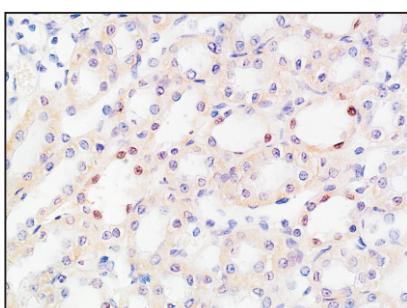
#### Product Information



#### Immunohistochemistry-Anti-IL15 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-IL15 Rabbit Antibody at 1:200 dilution.

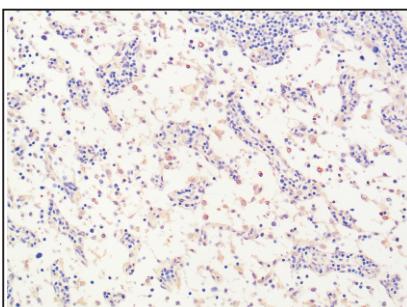
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



#### Immunohistochemistry-Anti-IL15 pAb

Immunohistochemical analysis of paraffin-embedded rat kidney using anti-IL15 Rabbit Antibody at 1:200 dilution.

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



#### Immunohistochemistry-Anti-IL15 pAb

Immunohistochemical analysis of paraffin-embedded rabbit thymus using anti-IL15 Rabbit Antibody at 1:200 dilution.

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

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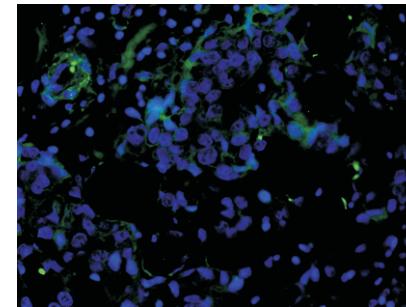
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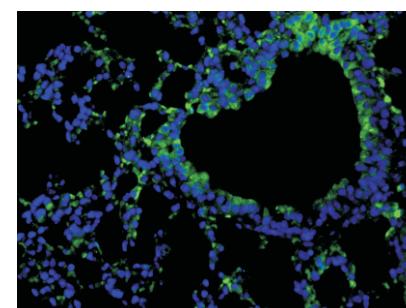
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#### Immunofluorescence-Anti-IL15 pAb

Immunofluorescence analysis of paraffin-embedded human breast cancer using anti-IL15 Rabbit Antibody at 1:100 dilution.

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



#### Immunofluorescence-Anti-IL15 pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-IL15 Rabbit Antibody at 1:100 dilution.

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