

Anti-IL-1 β Rabbit pAb

WLH3903

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

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

General Information

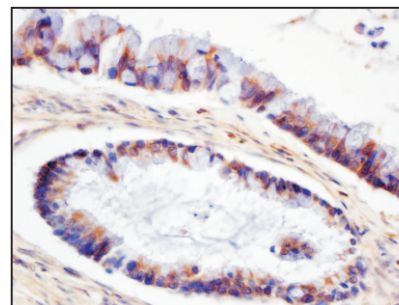
Background	Two forms of interleukin-1, designated IL-1 α and IL-1 β , have been described. IL-1 β is a pro-inflammatory cytokine produced predominantly by activated monocytes and epithelial cells. Precursor IL-1 β is cleaved by caspase-1 and mature IL-1 β is then secreted. Signaling by IL-1 β involves IL-1 β binding to IL-1 accessory protein (IL-1-AcP) and then the complex binds to IL-1RI. Signaling is through activation of MAP kinase and NF- κ B pathways. IL-1 β also binds to IL-1RII that lacks an intracellular signaling domain and thereby serves as a high affinity decoy receptor. IL-1 β binding to IL-1RI is inhibited by the negative regulator, IL-1R antagonist (IL-1Ra).
Immunogen	Polyclonal antibody is produced by immunizing animals with recombinant protein of IL-1 β .
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

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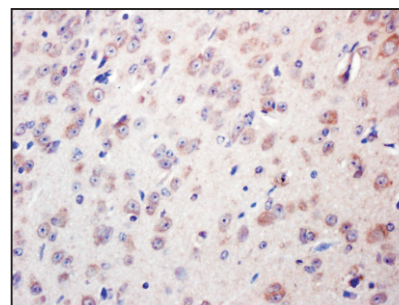
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Product Images

**Immunohistochemistry-Anti-IL-1 β pAb**

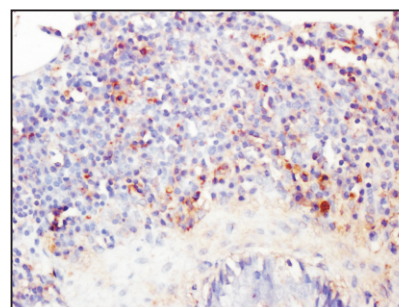
Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-IL-1 β Rabbit Antibody at 1:200 dilution.

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

**Immunohistochemistry-Anti-IL-1 β pAb**

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-IL-1 β Rabbit Antibody at 1:200 dilution.

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

**Immunohistochemistry-Anti-IL-1 β pAb**

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

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

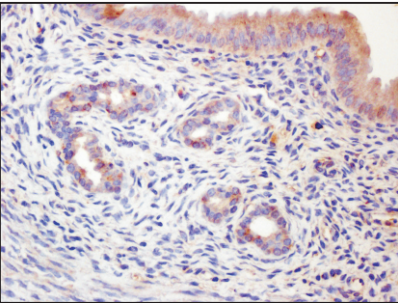
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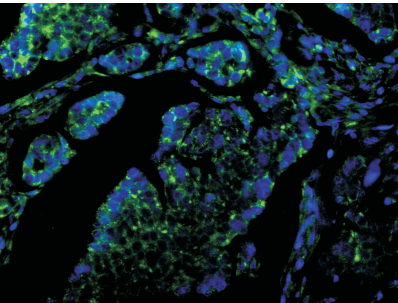
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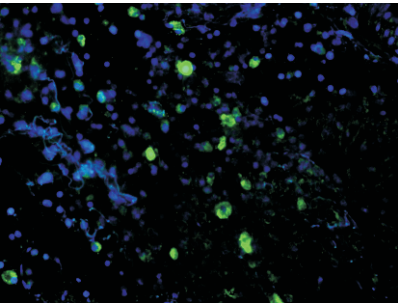
Immunohistochemistry-Anti-IL-1β pAb

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



Immunofluorescence-Anti-IL-1β pAb

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



Immunofluorescence-Anti-IL-1β pAb

Immunofluorescence analysis of paraffin-embedded human bladder cancer using anti-IL-1β Rabbit Antibody at 1:200 dilution.
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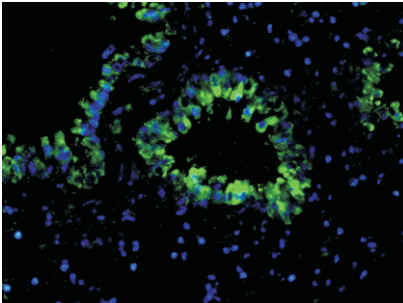
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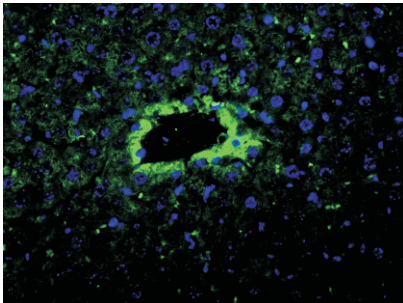
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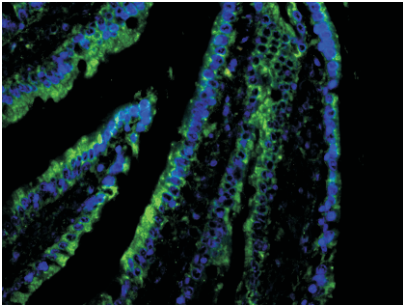
Immunofluorescence-Anti-IL-1β pAb

Immunofluorescence analysis of paraffin-embedded mouse lung using anti-IL-1β Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-IL-1β pAb

Immunofluorescence analysis of paraffin-embedded mouse liver using anti-IL-1β Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-IL-1β pAb

Immunofluorescence analysis of paraffin-embedded rat small intestine using anti-IL-1β Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0