



Rabbit Anti-Mouse IL1B Monoclonal Antibody, Clone S13-7X7 (DMAB-JX2361733)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Clone	S13-7X7
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	<p>ELISA (Capture)</p> <p>We recommend the following as antibody pair (Capture - Detection): DMAB-JX2361733-DMAB-JX2361734</p> <p>Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
Format	Purified, Liquid
Concentration	Lot specific
Size	100 µg
Buffer	0.01M PBS, pH 7.2
Preservative	None

Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
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Ship	Wet ice
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BACKGROUND

Introduction	Potent pro-inflammatory cytokine. Initially discovered as the major endogenous pyrogen, induces prostaglandin synthesis, neutrophil influx and activation, T-cell activation and cytokine production, B-cell activation and antibody production, and fibroblast proliferation and collagen production. Promotes Th17 differentiation of T-cells. Synergizes with IL12/interleukin-12 to induce IFNG synthesis from T-helper 1 (Th1) cells. Plays a role in angiogenesis by inducing VEGF production synergistically with TNF and IL6. Involved in transduction of inflammation downstream of pyroptosis: its mature form is specifically released in the extracellular milieu by passing through the gasdermin-D (GSDMD) pore.
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GENE INFORMATION

Entrez Gene ID	16176
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UniProt ID	P10749
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