



# Rabbit Anti-Mouse IL1B Monoclonal Antibody, Clone S16-8A8 (DMAB-JX2361734)

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

## PRODUCT INFORMATION

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| <b>Immunogen</b>          | Recombinant protein                                                                                                                                                                                                                                                                                                                                 |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                              |
| <b>Species Reactivity</b> | Mouse                                                                                                                                                                                                                                                                                                                                               |
| <b>Clone</b>              | S16-8A8                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>       | Affinity Purified                                                                                                                                                                                                                                                                                                                                   |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>       | <p>ELISA (Detection)</p> <p>We recommend the following as antibody pair (Capture - Detection):<br/>DMAB-JX2361733-DMAB-JX2361734</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.<br/>Other applications have not been tested but use in such assays should not necessarily be excluded.</p> |
| <b>Format</b>             | Purified, Liquid                                                                                                                                                                                                                                                                                                                                    |
| <b>Concentration</b>      | Lot specific                                                                                                                                                                                                                                                                                                                                        |
| <b>Size</b>               | 100 µg                                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer</b>             | 0.01M PBS, pH 7.2                                                                                                                                                                                                                                                                                                                                   |
| <b>Preservative</b>       | None                                                                                                                                                                                                                                                                                                                                                |

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

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| <b>Introduction</b> | 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

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| <b>Entrez Gene ID</b> | <a href="#">16176</a> |
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| <b>UniProt ID</b> | <a href="#">P10749</a> |
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