



# Rabbit Anti-Rat TNF-alpha Monoclonal Antibody, Clone S13-5X8 (DMAB-JX2361783)

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> | Rat                                                                                                                                                                                                                                                                                                                                           |
| <b>Clone</b>              | S13-5X8                                                                                                                                                                                                                                                                                                                                       |
| <b>Purification</b>       | Affinity Purified                                                                                                                                                                                                                                                                                                                             |
| <b>Conjugate</b>          | Unconjugated                                                                                                                                                                                                                                                                                                                                  |
| <b>Applications</b>       | <p>ELISA (Capture)</p> <p>We recommend the following as antibody pair (Capture - Detection):<br/>DMAB-JX2361783-DMAB-JX2361784</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> |
| <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> | This gene encodes a multifunctional proinflammatory cytokine that belongs to the tumor necrosis factor (TNF) superfamily. This cytokine is mainly secreted by macrophages. It can bind to, and thus functions through its receptors TNFRSF1A/TNFR1 and TNFRSF1B/TNFR. This cytokine is involved in the regulation of a wide spectrum of biological processes including cell proliferation, differentiation, apoptosis, lipid metabolism, and coagulation. This cytokine has been implicated in a variety of diseases, including autoimmune diseases, insulin resistance, and cancer. Knockout studies in mice also suggested the neuroprotective function of this cytokine. |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">24835</a> |
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| <b>UniProt ID</b> | <a href="#">P16599</a> |
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