



# Rabbit Anti-Rat IL10 Monoclonal Antibody, Clone S18-8R0 (DMAB-JX2361739)

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

## PRODUCT INFORMATION

|                           |                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Immunogen</b>          | Recombinant protein                                                                                                                                                                                                                                                                                                                               |
| <b>Isotype</b>            | IgG                                                                                                                                                                                                                                                                                                                                               |
| <b>Source/Host</b>        | Rabbit                                                                                                                                                                                                                                                                                                                                            |
| <b>Species Reactivity</b> | Rat                                                                                                                                                                                                                                                                                                                                               |
| <b>Clone</b>              | S18-8R0                                                                                                                                                                                                                                                                                                                                           |
| <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-JX2361739-DMAB-JX2361740</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                                                                                                                                                                                                                                                                                                                                              |

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

|             |         |
|-------------|---------|
| <b>Ship</b> | Wet ice |
|-------------|---------|

---

## BACKGROUND

|                     |                                                                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Introduction</b> | Interleukin-10 (IL-10) is an anti-inflammatory cytokine that is produced by T cells, NK cells, and macrophages. IL-10 initiates signal transduction by binding to a cell surface receptor complex consisting of IL-10 RI and IL-10 RII, leading to the activation of Jak1 and Tyk2 and phosphorylation of Stat3. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

---

## GENE INFORMATION

|                       |                       |
|-----------------------|-----------------------|
| <b>Entrez Gene ID</b> | <a href="#">25325</a> |
|-----------------------|-----------------------|

|                   |                        |
|-------------------|------------------------|
| <b>UniProt ID</b> | <a href="#">P29456</a> |
|-------------------|------------------------|