

## IL15

### Mouse Anti-Human IL-15 (Clone B-E29) mAb, Azide Free

|                                 |  |                  |                  |
|---------------------------------|--|------------------|------------------|
| <b>Catalog No.</b>              | CDM282A<br>CDM282B   | <b>Quantity:</b> | 200 µg<br>500 µg |
| <b>Alternate Names:</b>         | Interleukin-15   |                  |                  |
| <b>Description:</b>             | The monoclonal antibody recognizes human Interleukin-15 (IL-15), a cytokine that regulates T and natural killer cell activation and proliferation. IL-15 and IL-2 share many biological activities; both bind common hematopoietin receptor subunits, and may compete for the same receptor, and thus negatively regulate each other's activity. The number of CD8+ memory cells is shown to be controlled by a balance between IL-15 and IL-2. Studies of the mouse counterpart suggested that IL-15 may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. |                  |                  |
| <b>UniProt ID:</b>              | P40933   |                  |                  |
| <b>Gene ID:</b>                 | 3600   |                  |                  |
| <b>Concentration:</b>           | 1.0 mg/ml  |                  |                  |
| <b>Specificity:</b>             | Recognizes both native and recombinant Human IL-15.<br>Recognizes the soluble antigen.   |                  |                  |
| <b>Hybridoma:</b>               | Myeloma X63/AG.8653 x BALB/c spleen cells  |                  |                  |
| <b>Isotype:</b>                 | Mouse IgG1 Kappa light chain   |                  |                  |
| <b>Immunogen:</b>               | Recombinant Human IL-15  |                  |                  |
| <b>Clone:</b>                   | B-E29  |                  |                  |
| <b>Formulation:</b>             | Sterile filtered PBS, treated to remove endotoxins. Carrier and preservative free.   |                  |                  |
| <b>Purification:</b>            | Ion-exchange chromatography  |                  |                  |
| <b>Biological Activity:</b>     | Inhibits IL-15 induced proliferation on Kit 225 cell line.   |                  |                  |
| <b>Applications:</b>            | Functional Studies, Flow cytometry, ELISA  |                  |                  |
| <b>Storage &amp; Stability:</b> | Store at 2-8°C for up to one year. For longer term, store in working aliquots at -20°C to -80°C. <b>Avoid repeated freeze-thaw cycles.</b>   |                  |                  |

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



**Cell Sciences**<sup>®</sup>  
65 Parker Street  
Unit 11  
Newburyport, MA 01950

Toll Free: 888-769-1246  
Phone: 978-572-1070  
Fax: 978-992-0298

E-mail: [info@cellsciences.com](mailto:info@cellsciences.com)  
Website: [www.cellsciences.com](http://www.cellsciences.com)