

32-5771: Mouse Anti Human Interleukin-15(Clone:YNR-HIL15.)

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| Clonality : | Monoclonal |
| Clone Name : | YNR-HIL15. |
| Application : | ELISA,IP,IHC |
| Gene : | IL15 |
| Gene ID : | 3600 |
| Uniprot ID : | P40933 |
| Format : | Purified |
| Alternative Name : | IL-15,MGC9721. |
| Isotype : | Mouse IgG1. |
| Immunogen Information : | r.Human IL-15. |

Description

The protein encoded by this gene is a cytokine that regulates T and natural killer cell activation and proliferation. This cytokine and interleukine 2 share many biological activities. They are found to 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 this cytokine and IL2. This cytokine induces the activation of JAK kinases, as well as the phosphorylation and activation of transcription activators STAT3, STAT5, and STAT6. Studies of the mouse counterpart suggested that this cytokine may increase the expression of apoptosis inhibitor BCL2L1/BCL-x(L), possibly through the transcription activation activity of STAT6, and thus prevent apoptosis. Two alternatively spliced transcript variants of this gene encoding the same protein have been reported.

Product Info

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| Amount : | 1 mg |
| Purification : | Ion exchange. |
| Content : | 1mg/ml in PBS (after reconstitution). |
| Storage condition : | In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. |

Application Note

Direct ELISA, Immunoprecipitation, Immunohistochemistry.