

For Research Use Only

IL-15 Polyclonal antibody

Catalog Number: 12962-1-AP



Basic Information

Catalog Number:

12962-1-AP

Size:

220 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3650

GenBank Accession Number:

BC018149

GeneID (NCBI):

3600

UNIPROT ID:

P40933

Full Name:

interleukin 15

Calculated MW:

18 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

ELISA

Species Specificity:

human, mouse, rat

Background Information

Interleukin 15 (IL15) is a cytokine important for the development, maturation, and function of many cells of the immune system including NK, NKT, gammadeltaT, and CD8(+) T cells. Its expression affects homeostasis and function of B cells through NK cell-derived IFNG. IL-15 binds a trimeric IL-15 receptor (IL-15R) complex formed by a specific receptor chain (IL-15R α) combined with the β and γ chains of the IL-2R, acting as signal transducing components. High levels of IL15 expression have been associated with the pathogenesis of autoimmune and inflammatory diseases like Crohn's disease, psoriasis, leukemias, rheumatoid arthritis (RA) and graft rejection, resulting in the IL15 system being a target of interest for the treatment of these diseases.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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