

For Research Use Only

# IL-15 Polyclonal antibody

Catalog Number: 12962-1-AP



## Basic Information

<b>Catalog Number:</b> 12962-1-AP	<b>GenBank Accession Number:</b> BC018149	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 220 µg/ml	<b>GeneID (NCBI):</b> 3600	
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P40933	
<b>Isotype:</b> IgG	<b>Full Name:</b> interleukin 15	
<b>Immunogen Catalog Number:</b> AG3650	<b>Calculated MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
IHC, 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 $\alpha$ ) combined with the  $\beta$  and  $\gamma$  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:

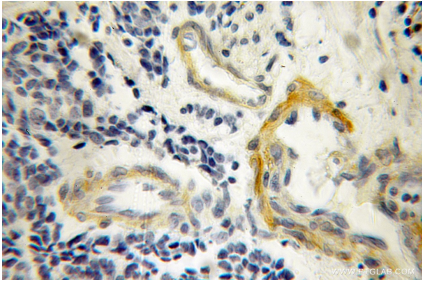
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## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human lung cancer using 12962-1-AP (IL15 antibody) at dilution of 1:100 (under 10x lens).