

IL-15 Recombinant monoclonal antibody

Catalog Number: 84512-4-RR

Basic Information

Catalog Number:

84512-4-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1323

GenBank Accession Number:

BC018149

GeneID (NCBI):

3600

UNIPROT ID:

P40933

Full Name:

interleukin 15

Calculated MW:

18 kDa

Purification Method:

Protein A purification

CloneNo.:

252837E4

Recommended Dilutions:

WB: 1:500-1:2000

IHC: 1:500-1:2000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

human

Positive Controls:

WB : Recombinant protein,

IHC : human tonsillitis tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Interleukin-15 (IL-15) is a cytokine that plays a significant role in the immune system, particularly in the development, proliferation, and activation of immune cells such as natural killer (NK) cells, T cells, and B cells. It is a member of the immunoregulatory cytokines family and is predominantly expressed by myeloid cells, among other cell types. IL-15 serves multiple functions, including dictating T cell response, regulating tissue repair and B cell homing, modulating inflammation, and activating NK cells.

Storage

Storage:

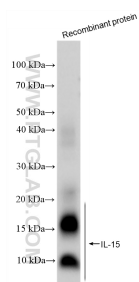
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

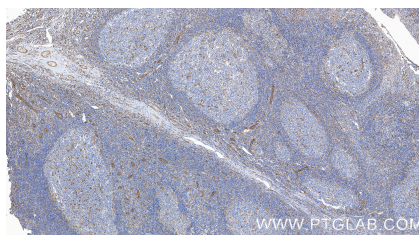
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

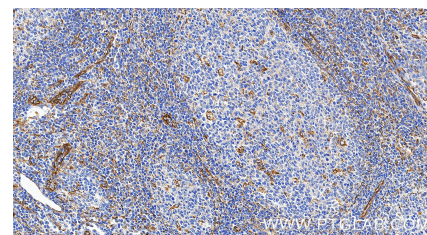
Selected Validation Data



Human IL-15 recombinant protein were subjected to SDS PAGE followed by western blot with 84512-4-RR (IL-15 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84512-4-RR (IL-15 antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with .



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 84512-4-RR (IL-15 antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with .