

IL5 Rabbit Polyclonal Antibody



CAB7690

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

13kDa

Calculated MW:

15kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

WB 1:500 - 1:2000 IHC 1:50
- 1:100

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein Background

This gene encodes a cytokine that acts as a growth and differentiation factor for both B cells and eosinophils. The encoded cytokine plays a major role in the regulation of eosinophil formation, maturation, recruitment and survival. The increased production of this cytokine may be related to pathogenesis of eosinophil-dependent inflammatory diseases. This cytokine functions by binding to its receptor, which is a heterodimer, whose beta subunit is shared with the receptors for interleukine 3 (IL3) and colony stimulating factor 2 (CSF2/GM-CSF). This gene is located on chromosome 5 within a cytokine gene cluster which includes interleukin 4 (IL4), interleukin 13 (IL13), and CSF2. This gene, IL4, and IL13 may be regulated coordinately by long-range regulatory elements spread over 120 kilobases on chromosome 5q31.

Immunogen information

Gene ID:

3567

Uniprot

P05113

Synonyms:

IL5; EDF; IL-5; TRF

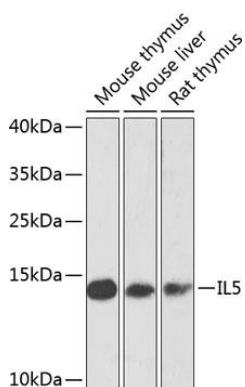
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 20-134 of human IL5 (NP_000870.1).

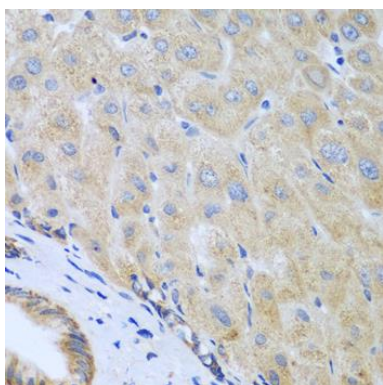
Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

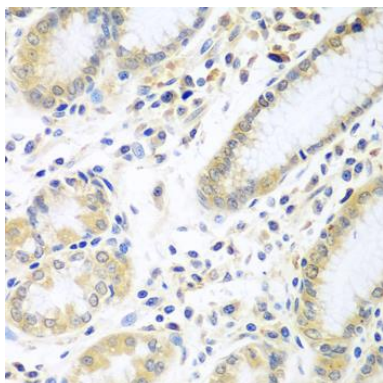
Product Images



Western blot analysis of extracts of various cell lines, using IL5 antibody (CAB7690) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (CABM00021). Exposure time: 15s.



Immunohistochemistry of paraffin-embedded human liver using IL5 antibody (CAB7690) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human stomach using IL5 antibody (CAB7690) at dilution of 1:100 (40x lens).