

产品名称: IL-5 Rabbit Polyclonal Antibody
产品货号: APRab12562



产品概述 (Summary)

产品名称 (Production Name)	IL-5 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	IL5
别名 (Alternative Names)	IL5; Interleukin-5; IL-5; B-cell differentiation factor I; Eosinophil differentiation factor; T-cell replacing factor; TRF
基因 ID (Gene ID)	3567.0
蛋白 ID (SwissProt ID)	P05113.The antiserum was produced against synthesized peptide derived from human IL-5. AA range:43-92

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:5000-1:10000
蛋白分子量 (Molecular Weight)	30kDa

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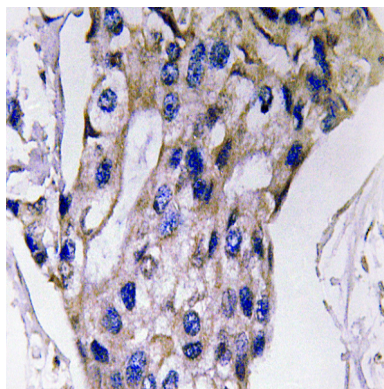
研究背景 (Background)

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 interleukin 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. [provided by RefSeq, Jul 2013],function:Factor that induces terminal differentiation of late-developing B-cells to immunoglobulin secreting cells.,online information:Interleukin-5 entry,similarity:Belongs to the IL-5 family.,subunit:Homodimer; disulfide-linked.,

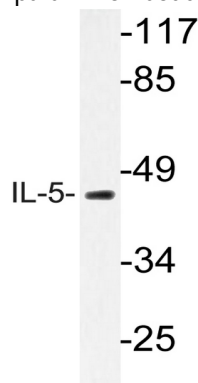
研究领域 (Research Area)

Cytokine-cytokine receptor interaction;Jak_STAT;Hematopoietic cell lineage;T_Cell_Receptor;Fc epsilon RI;Intestinal immune network for IgA production;Asthma;Autoimmune thyroid disease;Allograft rejection;

图片 (Image Data)

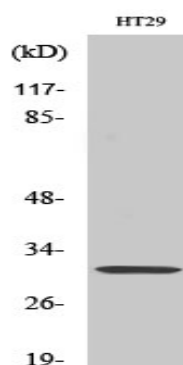


Immunohistochemistry analysis of IL-5 antibody in paraffin-embedded human breast carcinoma tissue.



Western blot analysis of lysate from HT-29 cells, using IL-5 antibody.

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Western Blot analysis of various cells using IL-5 Polyclonal Antibody

注意事项 (Note)

For research use only .