

Product datasheet for **TA368254**

IL9 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: HL-60 cell lysate IHC: 50-100 Positive control: Human tonsil Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human IL9
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	16 kDa
Gene Name:	interleukin 9
Database Link:	Entrez Gene 3578 Human P15248



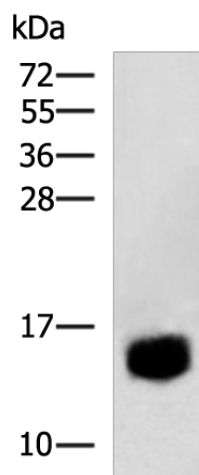
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Background:

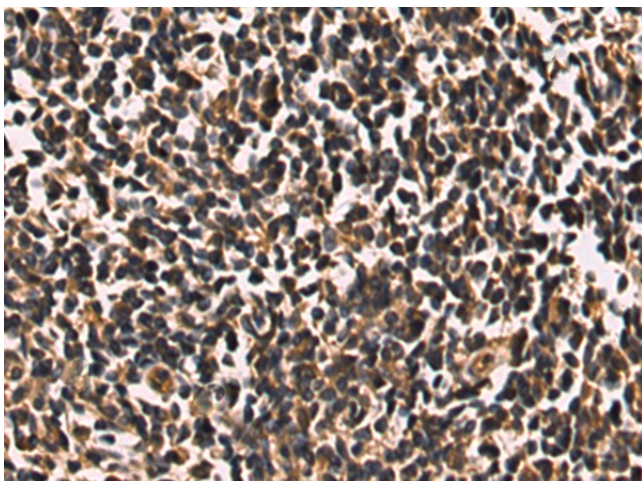
The protein encoded by this gene is a cytokine that acts as a regulator of a variety of hematopoietic cells. This cytokine stimulates cell proliferation and prevents apoptosis. It functions through the interleukin 9 receptor (IL9R), which activates different signal transducer and activator (STAT) proteins and thus connects this cytokine to various biological processes. The gene encoding this cytokine has been identified as a candidate gene for asthma. Genetic studies on a mouse model of asthma demonstrated that this cytokine is a determining factor in the pathogenesis of bronchial hyperresponsiveness.

Synonyms:

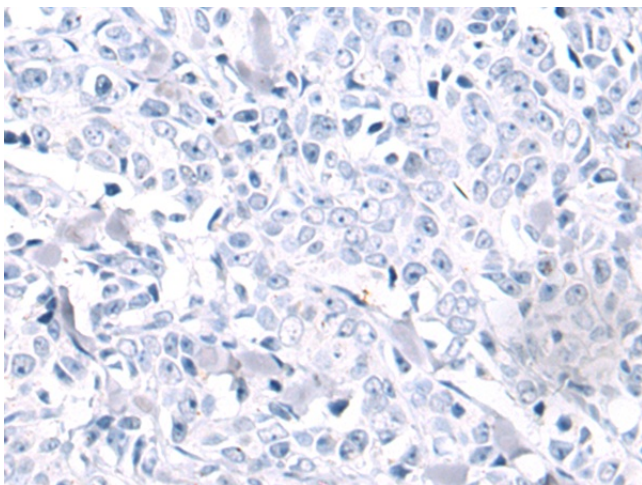
HP40; IL-9; P40

Product images:

Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: HL-60 cell lysate
Primary antibody: TA368254 (IL9 Antibody) at dilution 1/250
Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
Exposure time: 3 minutes



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA368254 (IL9 Antibody) at dilution 1/30 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA368254 (IL9 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: x200)