



## Rabbit Anti-IL34 antibody

SL18170R

<b>Product Name:</b>	IL34
<b>Chinese Name:</b>	白细胞介素34抗体
<b>Alias:</b>	C16orf77; Chromosome 16 open reading frame 77; FPT025; IL 34; IL-34; IL34; IL34_HUMAN; Interleukin 34; Interleukin-34; Interleukin34; MGC34647.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	25kDa
<b>Cellular localization:</b>	Secretory protein
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human IL34:21-100/242
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).[supplied by OMIM, May 2008]  <b>Function:</b> Cytokine that promotes the differentiation and viability of monocytes and macrophages.

Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R.

**Subcellular Location:**

Secreted.

**Tissue Specificity:**

Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.

**Similarity:**

Belongs to the IL-34 family.

**SWISS:**

Q8R1R4

**Gene ID:**

146433

**Database links:**

[Entrez Gene: 146433](#) Human

[Entrez Gene: 76527](#) Mouse

[Entrez Gene: 498951](#) Rat

[Omim: 612081](#) Human

[SwissProt: Q6ZMJ4](#) Human

[SwissProt: Q8R1R4](#) Mouse

[SwissProt: Q4KM46](#) Rat

[Unigene: 461214](#) Human

[Unigene: 77697](#) Mouse

[Unigene: 16799](#) Rat

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

