

**IL-19 Antibody**  
**Rabbit Polyclonal Antibody**  
**Catalog # ABV10993****Specification**

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**IL-19 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">Q8CJ70</a>
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	20288

**IL-19 Antibody - Additional Information****Gene ID** 329244

Positive Control  
Application & Usage

**Recombinant murine IL-19**  
The antibody can be used in Western Blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant murine IL-19 can be used as a positive control.

**Other Names**  
Interleukin-19, IL19

**Target/Specificity**  
IL-19

**Antibody Form**  
Liquid

**Appearance**  
Colorless liquid

**Formulation**  
100 µg (0.5 mg/ml) affinity purified rabbit anti-murine IL-19 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

**Handling**  
The antibody solution should be gently mixed before use.

**Reconstitution & Storage**  
-20 °C

**Background Descriptions**

**Precautions**

IL-19 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**IL-19 Antibody - Protein Information****Name** Il19**Function**

Cytokine that functions as an anti-inflammatory and proangiogenic factor (PubMed:<a href="http://www.uniprot.org/citations/12370360" target="\_blank">12370360</a>, PubMed:<a href="http://www.uniprot.org/citations/27053520" target="\_blank">27053520</a>). Polarizes adaptive immunity to an anti-inflammatory phenotype through induction of T-helper 2 responses by both down-regulation of IFN-gamma and up-regulation of IL4 and IL5 (PubMed:<a href="http://www.uniprot.org/citations/15557163" target="\_blank">15557163</a>). Produced by osteocytes, stimulates granulopoiesis and neutrophil formation (PubMed:<a href="http://www.uniprot.org/citations/33684929" target="\_blank">33684929</a>). Exerts its biological effect through a receptor complex consisting of a heterodimer of IL20RA and IL20RB. In turn, activates the Janus kinase (JAK) and signal transducer and activator of transcription (STAT) pathway, and importantly, STAT3 (By similarity).

**Cellular Location**

Secreted.

**IL-19 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**IL-19 Antibody - Images****IL-19 Antibody - Background**

IL-19 is a single, non-glycosylated polypeptide with 152 amino acids. It plays an important role in regulating development and functioning of the skin .