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Datasheet for ABIN2789718  
**anti-IL-19 antibody (Middle Region)**

2 Images

Overview

Quantity:	100 µL
Target:	IL-19 (IL19)
Binding Specificity:	Middle Region
Reactivity:	Human, Rat, Dog, Cow, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IL-19 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Sequence:	ILSTLETLQI IKPLDVCCVT KNLLAFYVDR VFKDHQEPNP KILRKISSIA
Predicted Reactivity:	Cow: 79%, Dog: 86%, Human: 100%, Rabbit: 79%, Rat: 79%
Characteristics:	This is a rabbit polyclonal antibody against IL19. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IL-19 (IL19)
Alternative Name:	IL19 ( <a href="#">IL19 Products</a> )
Background:	The protein encoded by this gene is a cytokine that belongs to the IL10 cytokine subfamily. This cytokine is found to be preferentially expressed in monocytes. It can bind the IL20 receptor

## Target Details

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complex and lead to the activation of the signal transducer and activator of transcription 3 (STAT3). A similar cytokine in mouse is reported to up-regulate the expression of IL6 and TNF-alpha and induce apoptosis, which suggests a role of this cytokine in inflammatory responses. Alternatively spliced transcript variants encoding the distinct isoforms have been described.

Alias Symbols: IL-10C, MDA1, NG.1, ZMDA1

Protein Interaction Partner: IL20RA,

Protein Size: 215

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Molecular Weight: 18 kDa

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Gene ID: 29949

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NCBI Accession: [NM\\_153758](#), [NP\\_715639](#)

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UniProt: [Q5VUT3](#)

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 215 AA

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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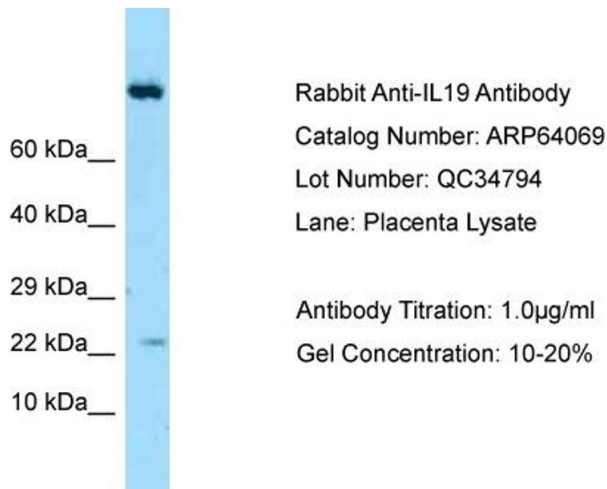
Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -20 °C

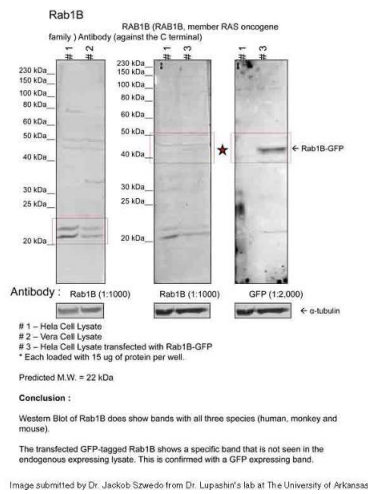
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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



**Western Blotting**

**Image 1.**



**Western Blotting**

- Image 2. Sample Type:**
1. Human Cervical Cancer Cell Lysate (15ug)
  2. Monkey Fibroblast Cell Lysate (15ug)
  3. Human Cervical Cancer Cell transfected with Rab1B-GFP (15ug)

**Primary Dilution:** 1:1000

**Secondary Antibody:** goat anti-Rabbit

**Secondary Dilution:** 1:40,000

**Image Submitted by:** Dr. Jakob Szewedo, Dr. Lupashin's Lab  
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