



20150206ML

# Anti-Human IL-19 (#1G54)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>101-M495</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of IL-19.

## Target Background

<b>Synonyms (Target):</b>	IL19; MDA1; NG.1; ZMDA1; IL-10C
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Human Interleukin 19 (IL-19) is a member of the IL-10 family of related cytokines. IL-19 contains seven helices and is secreted as a 35 kDa glycosylated monomer. IL-19 expression has been observed in keratinocytes and monocytes. IL-19 binds a receptor complex consisting of IL-20R alpha and the IL-20 R beta. This receptor complex is also shared by IL-20 and IL-24.

## Database References Target

<b>Protein RefSeq:</b>	NP_715639.1
<b>Uniprot ID:</b>	Q9UHD0
<b>mRNA RefSeq:</b>	NM_153758

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#1G54)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human IL-19
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody was selected for its ability to detect human IL-19.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, N

**Recommended usage:**

Western Blot: 1:500 - 1:2000

Neutralization of IL-19 bioactivity: Yes

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**