



20150120ML

# Anti-Human CCL-24 (#8C72)

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

<b>Cat.-no.:</b>	<b>101-M268</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 CCL-24 (also called Eotaxin-2).

## Target Background

<b>Synonyms (Target):</b>	CCL24; Ckb-6; MPIF2; MPIF-2; SCYA24
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Eotaxin2, also named MPIF2 and Ckβ6, is a CC chemokine that is designated CCL24. Eotaxin2 cDNA encodes a 10.5 kDa, 119 amino acid residue precursor protein with a 26 aa residue signal peptide that is cleaved to generate a mature protein predicted to contain 93 amino acid residues with an N-glycosylation site. C-terminally truncated variants with 78, 73, 75 and 76 residues have also been described. Eotaxin 2 shares 40%, 42% and 39% amino acid sequence identity with other CC chemokines CCL7/MCP3, CCL3/MIP1α, and CCL11/Eotaxin, respectively. Eotaxin2 mRNA is weakly expressed in activated monocytes and T lymphocytes. Recombinant Eotaxin2 induces chemotaxis of eosinophils, basophils, and resting T lymphocytes, but not monocytes or activated T lymphocytes. Eotaxin2 also suppresses colony formation by high proliferative multipotential hematopoietic progenitors. On eosinophils, the effects of Eotaxin2, Eotaxin and CCL13/MCP4 are mediated by the receptor CCR3.

## Database References Target

<b>Protein RefSeq:</b>	NP_002982
<b>Uniprot ID:</b>	O00175
<b>mRNA RefSeq:</b>	NM_002991

## Product Specifications

<b>Host</b>	Mouse
<b>Reactivity against</b>	Human
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#8C72)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant human CCL-24
<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 CCL-24 protein.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, N

### Recommended usage:

Western Blot: 1:500 - 1:1000

Neutralization: Yes

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