

# Rat Anti-CSF2RA Monoclonal Antibody

**Cat. No.** DMABT-H18979    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Rat Anti-CSF2RA Monoclonal Antibody
<b>Species</b>	Mouse
<b>Source</b>	Rat
<b>Antigen Description</b>	GM-CSF is a hematopoietic factor that is produced by T cells, macrophages, fibroblasts and endothelial cells. This multifunctional cytokine stimulates progenitor cells of neutrophils, eosinophils and macrophages. GM-CSF is also a differentiation and activating factor for granulocytic and monocytic cells. TheNQ2-42H7antibody reacts with mouse granulocyte/macrophage-colony stimulating factor (GM-CSF). TheNQ2-42H7antibody can neutralize the bioactivity of natural or recombinant GM-CSF.
<b>Target</b>	CSF2RA
<b>Immunogen</b>	Yeast-expressed, recombinant mouse GM-CSF.
<b>Isotype</b>	IgG1, kappa
<b>species</b>	Mouse
<b>Clone</b>	NQ2-42H7
<b>Conjugation</b>	Biotin

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<b>Applications</b>	ELISA,ELISPOT
<b>Preparation</b>	The antibody was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
<b>Usage recommendation</b>	Each lot of this antibody is quality control tested by ELISA assay. For use as an ELISA detection antibody, a concentration range of 0.5-2 µg/ml is recommended. To obtain a linear standard curve, serial dilutions of GM-CSF recombinant protein ranging from 3000 to 15 pg/ml are recommended for each ELISA plate. It is recommended that the reagent be titrated for optimal performance for each application.
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	The antibody solution should be stored undiluted at 4 °C. Do not freeze.
<b>Size</b>	50 µg; 500 µg

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Csf2ra colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage) [ Mus musculus ]</a>
<b>Official Symbol</b>	CSF2RA
<b>Synonyms</b>	CSF2RA; colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage); granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GMR-alpha; GM-CSFRalpha; GMCSFR-alpha; GM-CSF-R-alpha; colony stimulating factor 2 receptor alpha chain; CD116; Csfgmra; GM-CSFR; GM-CSF-Ra;
<b>Gene ID</b>	<a href="#">12982</a>

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<b>mRNA Refseq</b>	NM_009970
<b>Protein Refseq</b>	NP_034100
<b>Pathway</b>	Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; Immune System, organism-specific biosystem; Interleukin receptor SHC signaling, organism-specific biosystem;
<b>Function</b>	cytokine receptor activity; receptor activity;

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