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Datasheet for ABIN7430930

anti-M-CSF/CSF1 antibody (AA 261-427)

3 Images

Overview

Quantity:	100 µL
Target:	M-CSF/CSF1 (CSF1)
Binding Specificity:	AA 261-427
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This M-CSF/CSF1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Colony Stimulating Factor 1, Macrophage (MCSF)
Immunogen:	Recombinant Colony Stimulating Factor 1, Macrophage (MCSF) corresponding to Glu261~Leu427 with Two N-terminal Tags, His-tag and SUMO-tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against MCSF. It has been selected for its ability to recognize MCSF in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

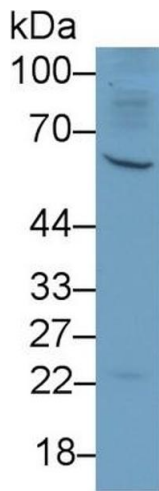
Target:	M-CSF/CSF1 (CSF1)
Alternative Name:	Colony Stimulating Factor 1, Macrophage (CSF1 Products)
Background:	CSF1, M-CSF, Lanimostim, Processed macrophage colony-stimulating factor 1
Pathways:	RTK Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:250-1000 Immunohistochemistry: 5-20 µg/mL 1:25-100 Immunocytochemistry: 5-20 µg/mL 1:25-100 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

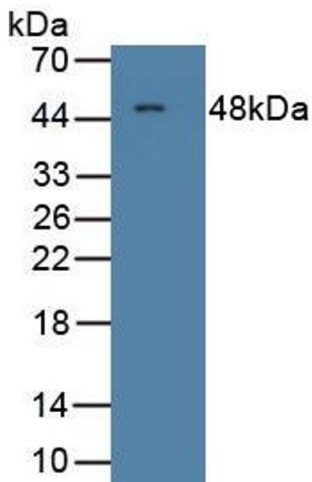
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



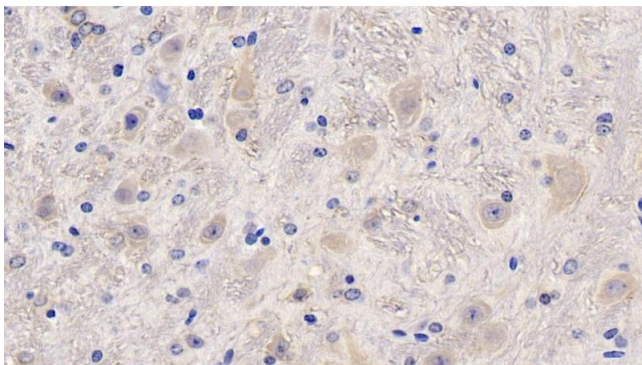
Western Blotting

Image 1. Detection of MCSF in U937 cell lysate using Polyclonal Antibody to Colony Stimulating Factor 1, Macrophage (MCSF)



Western Blotting

Image 2. Detection of Recombinant MCSF, Rat using Polyclonal Antibody to Colony Stimulating Factor 1, Macrophage (MCSF)



Immunohistochemistry

Image 3. Detection of MCSF in Mouse Cerebellum Tissue using Polyclonal Antibody to Colony Stimulating Factor 1, Macrophage (MCSF)