

## CSF2RA Antibody(C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP19497b

## **Specification**

# CSF2RA Antibody(C-term) - Product Information

**Application** WB,E **Primary Accession** P15509 Other Accession NP 006131.2 Reactivity Human Host **Rabbit** Clonality **Polyclonal** Isotype Rabbit IgG Calculated MW 46207 Antigen Region 366-394

## CSF2RA Antibody(C-term) - Additional Information

#### **Gene ID 1438**

### **Other Names**

Granulocyte-macrophage colony-stimulating factor receptor subunit alpha, GM-CSF-R-alpha, GMCSFR-alpha, CDw116, CD116, CSF2RA, CSF2RY

### Target/Specificity

This CSF2RA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 366-394 amino acids from the C-terminal region of human CSF2RA.

## **Dilution**

WB~~1:1000

E~~Use at an assay dependent concentration.

#### **Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

#### Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

### **Precautions**

CSF2RA Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

# CSF2RA Antibody(C-term) - Protein Information

### Name CSF2RA



## Synonyms CSF2R, CSF2RY

**Function** Low affinity receptor for granulocyte-macrophage colony- stimulating factor. Transduces a signal that results in the proliferation, differentiation, and functional activation of hematopoietic cells.

#### **Cellular Location**

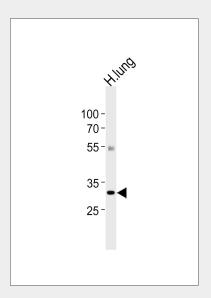
Cell membrane; Single-pass type I membrane protein [Isoform 4]: Secreted.

## CSF2RA Antibody(C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

## CSF2RA Antibody(C-term) - Images



Western blot analysis of lysate from human lung tissue lysate, using CSF2RA Antibody (C-term)(Cat. #AP19497b). AP19497b was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug per lane.

# CSF2RA Antibody(C-term) - Background

The protein encoded by this gene is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Multiple transcript variants encoding different isoforms have been





found for this gene, with some of the isoforms being membrane-bound and others being soluble.

## CSF2RA Antibody(C-term) - References

Mirza, S., et al. Biochem. J. 426(3):307-317(2010) Sun, S., et al. Brain Res. 1268, 13-16 (2009) : Suzuki, T., et al. J. Exp. Med. 205(12):2703-2710(2008) Martinez-Moczygemba, M., et al. J. Exp. Med. 205(12):2711-2716(2008) Hansen, G., et al. Cell 134(3):496-507(2008)