

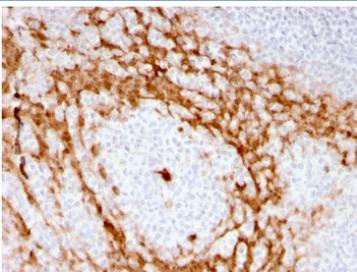
Recombinant GCSF Antibody / Granulocyte-Colony Stimulating Factor [clone CSF3/3166R] (V7752)

Catalog No.	Formulation	Size
V7752-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7752-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7752SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

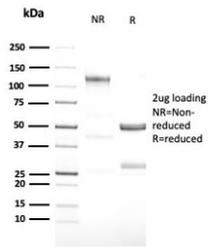
Recombinant **RABBIT MONOCLONAL**

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Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	CSF3/3166R
Purity	Protein A affinity chromatography
UniProt	P09919
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This recombinant GCSF antibody is available for research use only.



IHC staining of FFPE human tonsil with recombinant GCSF antibody (clone CSF3/3166R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant GCSF antibody (clone CSF3/3166R) as confirmation of integrity and purity.

Description

This MAb recognizes granulocyte-colony stimulating factor (G-CSF) in the cytoplasm of mature granulocytes. It shows no reactivity with any other cell types. Markers of myeloid cells are useful in the identification of different levels of cellular differentiation. It reacts with early precursor and mature forms of myeloid cells. It is useful for the detection of myeloid leukemias and granulocytic sarcomas. It can be used as a marker of granulocytes in normal tissues or inflammatory processes. G-CSF is a pleiotropic cytokine that influences differentiation, proliferation and activation of the neutrophilic granulocyte lineage. The human G-CSF cDNA encodes a 207 amino acid precursor containing a 29 amino acid signal peptide that is proteolytically cleaved to form a 178 amino acid residue mature protein. Two G-CSF s, which are identical except for a three amino acid deletion in the amino-terminus of one form of the protein have been isolated from human cells.

Application Notes

Optimal dilution of the recombinant GCSF antibody should be determined by the researcher.

Immunogen

A recombinant full-length human CSF3 protein was used as the immunogen for the recombinant GCSF antibody.

Storage

Store the recombinant GCSF antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).