

CSF2 polyclonal antibody

Catalog: BS60003

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Colony stimulating factors (CSFs) were initially characterized by their ability to stimulate in vitro colony formation by hematopoietic progenitor cells in semi-solid media. Several of these CSFs have been assigned an interleukin number, while three (GM-CSF, G-CSF and M-CSF) have retained their CSF designations. The human granulocyte-macrophage colony stimulating factor (GM-CSF) is a pleiotropic cytokine with a 17 amino acid signal peptide that is cleaved to produce the mature form of 127 amino acids. The mature murine GM-CSF protein is 124 amino acids and shares 60 percent homology with the human GM-CSF protein. GM-CSF is a glycoprotein that can stimulate the proliferation of hematopoietic cells including granulocytes and macrophages. It has been shown to promote the phosphorylation of cPLA2 in human neutrophils. The phosphorylation of cPLA2 was accompanied by an increase in the enzyme activity.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 23 kDa

Swiss-Prot:

P04141

Purification & Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific im-

munogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

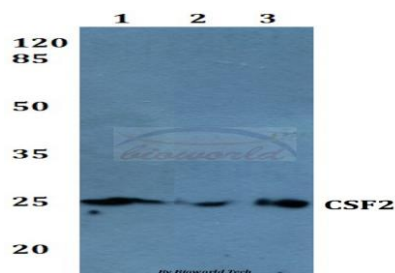
Storage & Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CSF2 polyclonal antibody detects endogenous levels of CSF2 protein.

DATA:



Western blot (WB) analysis of CSF2 polyclonal antibody at 1:500 dilution

Lane 1: THP-1 whole cell lysate

Lane 2: Raw264.7 whole cell lysate

Lane 3: H9C2 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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