

**GM-CSF Rat mAb**

Catalog: BS36134

Host: Rat

Reactivity: Mouse

BackGround:

Granulocyte-macrophage colony-stimulating factor: Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes

Product:

Rat IgG2a. 1mg/ml in PBS, pH 7.3, and 0.02% sodium azide.

Molecular Weight:

~16.1 kDa

Swiss-Prot:**Purification&Purity:**

The antibody was purified by affinity chromatography.

Applications:

IF/ICC (1/50 - 1/200), FC (1/500 - 1/2000)

Storage&Stability:

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

Specificity:

Recognizes mouse GM-CSF

DATA:

Western blot analysis of CD127 (Phospho-Y449) expression in HCT116 (A), HEK293T (B) whole cell lysates.

Immunohistochemical analysis of CD127 (Phospho-Y449) staining in human tonsil cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX. Immunofluorescent analysis of CD127 (Phospho-Y449) staining in HuvEc cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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