
anti-G-CSFR

Cat #: HM1164
Rabbit polyclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Colony stimulating factor is a cytokine that controls the production, differentiation, and function of granulocytes. Its receptor (G-CSFR) belongs to the cytokine/hematopoietic receptor superfamily. G-CSFR is believed to form homodimeric complexes upon ligand binding. It lacks intrinsic kinase domain. The intracellular signaling is accomplished through the activation of JAK kinases. G-CSFR also functions in some cell surface adhesion or recognition processes. Mutations in its gene are a cause of Kostmann syndrome, also known as severe congenital neutropenia.

SPECIFICITY

This antibody specifically recognizes G-CSFR of human, mouse and rat origin; and it can be used in Western blotting, immunoprecipitation and immunostaining.

IMMUNOGEN

A GST fusion protein corresponding to the carboxyl terminal of human G-CSFR.

STORAGE

This antibody is stable for 24 months when stored at 2-8°C.

REFERENCE

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3. Miyajima, A., Kitamura, T., Harada, N., Yokota, T., and Arai, K. 1992. Cytokine receptors and signal transduction. *Ann. Rev. Immunol.* 10: 295-331.
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