

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-1076: Anti-CD114 / G-CSFR Monoclonal Antibody (Clone:LMM741)

Clonality: Monoclonal **Clone Name:** LMM741 FACS Application: Reactivity: Human Gene: CSF3R Gene ID: 1441 **Uniprot ID:** Q99062 **Purified** Format: **Alternative Name:** CSF3R,GCSFR Isotype: Mouse IgG1

Immunogen Information: CHO cells transfected with human CD114

## **Description**

CD114 / G-CSFR (granulocyte colony-stimulating factor receptor, also known as CSF3R) is a type I transmembrane glycoprotein which upon binding of its ligand (G-CSF, granulocyte colony-stimulating factor) homodimerizes and activates signaling transduction to mediate cell proliferation, survival, and differentiation. It is expressed by granulocytes at all stages of their differentiation, as well as by monocytes, dendritic cells, and mature platelets. Among non-hematopoietic cells, it is expressed e.g. by endothelial cells, placenta, trophoblasts, and many tumor cell lines. This antigen is a target for stem cell mobilization for blood stem cell transplantation, for enhancing recovery of myelopoiesis following chemotherapy and in the treatment of patients with severe chronic neutropenia.

## **Product Info**

Amount: 0.1 mg

**Purification :** Purified by protein-A affinity chromatography

**Storage condition :** Store at 2-8°C. Do not freeze.

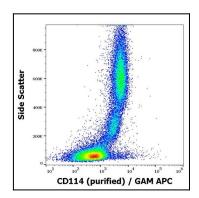


Figure 1: Flow cytometry surface staining pattern of human peripheral blood stained using anti-human CD114 purified antibody GAM APC.