

Anti-CD114 Antibody

Catalog # AP95785

Product Information

Application	WB, IHC, FC
Primary Accession	Q99062
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	92156

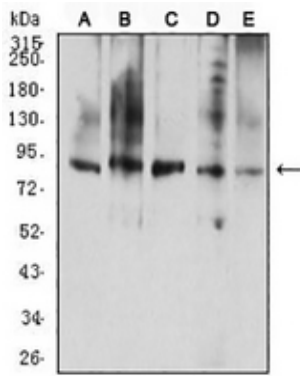
Additional Information

Gene ID	1441
Other Names	GCSFR; Granulocyte colony-stimulating factor receptor; G-CSF receptor; G-CSF-R; CD114
Target/Specificity	Recombinant fusion protein of human CD114 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) IHC~~1:100~500 FC~~FC (1/100 - 1/200)
Format	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

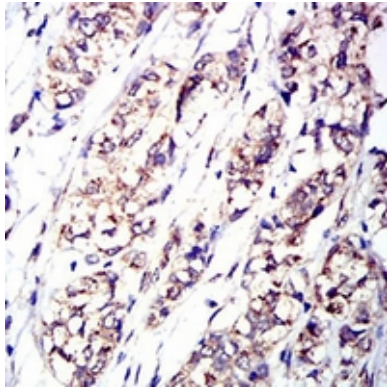
Protein Information

Name	CSF3R
Synonyms	GCSFR
Function	Receptor for granulocyte colony-stimulating factor (CSF3), essential for granulocytic maturation. Plays a crucial role in the proliferation, differentiation and survival of cells along the neutrophilic lineage. In addition it may function in some adhesion or recognition events at the cell surface.
Cellular Location	[Isoform 2]: Secreted.
Tissue Location	One or several isoforms have been found in myelogenous leukemia cell line KG-1, leukemia U-937 cell line, in bone marrow cells, placenta, and peripheral blood granulocytes. Isoform GCSFR-2 is found only in leukemia U-937 cells. Isoform GCSFR-3 is highly expressed in placenta

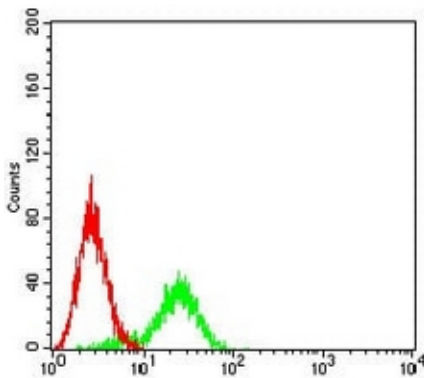
Images



Western blot analysis of CD114 expression in A431 (A), K562 (B), THP1 (C), MOLT4 (D), Jurkat (E) whole cell lysates. (Predicted band size: 92 kD; Observed band size: 92 kD)



Immunohistochemical analysis of CD114 staining in human bladder 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.



Flow cytometric analysis of Ramos cells using Anti-CD114 Antibody (green) and negative control (red).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.