

Anti-GM-CSFR alpha Antibody (1S754)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	1S754
Purification:	Protein A

Applications

Application:	ELISA
Recommended	ELISA: 1:1000-1:2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Human CD116 protein (TMPY-01065)
Antigen Species:	Human
Synonyms:	CSF2RAY;CSF2R;CSF2RX;CSF2RAX;CDw116;SMDP4;colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage);GMCSFR;CD116;CSF2RY;GM-CSF-R-alpha;GM-CSF Receptor α Protein;GMR;colony stimulating factor 2 receptor, α , low-affinity (granulocyte-macrophage);GM-CSF-R- α

Research Background

CD116/GM-CSFR has been preferentially associated with M4, M5 subtype of AML but is not specific. The cluster of differentiation (cluster of designation) (often abbreviated as CD) is a protocol used for the identification and investigation of cell surface molecules present on white blood cells initially but found in almost any kind of cell of the body, providing targets for immunophenotyping of cells. Physiologically, CD molecules can act in numerous ways, often acting as receptors or ligands (the molecule that activates a receptor) important to the cell. A signal cascade is usually initiated, altering the behavior of the cell (see cell signaling). Some CD proteins do not play a role in cell signaling, but have other functions, such as cell adhesion. CD116/GM-CSFR is the alpha subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. CD116/GM-CSFR is found in the pseudoautosomal region (PAR) of the X and Y chromosomes.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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