PE/Cyanine 7 Anti-Human IL-6 Antibody[MQ2-39C3]

Catalog Number: AN01021H

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

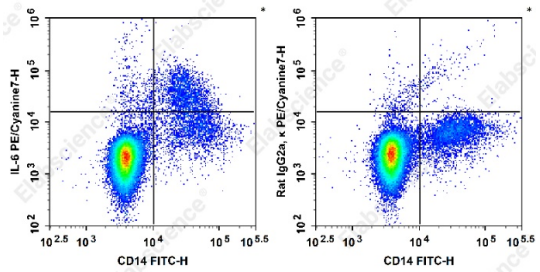
Description

Reactivity	Human
Host	Rat
Isotype	Rat IgG2a, κ
Clone No.	MQ2-39C3
Isotype Control	PE/Cyanine7 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832H]
Conjugation	PE/Cyanine 7
Conjugation Information	PE/Cyanine 7 is designed to be excited by the Blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 775 nm (e.g., a 780/60 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



IFN- γ and LPS-stimulated human peripheral blood mononuclear cells were treated in presence of Protein Transport Inhibitor MIX[E-CK-A013] 5–6 hours. Cells were surface-stained with FITC Anti-Human CD14 Antibody , followed by intracellular staining with PE/Cyanine 7 Anti-Human IL-6 Antibody[MQ2-39C3] (left) or PE/Cyanine 7 Rat IgG2a, κ isotype control (right).

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	Interleukin-6;B cell stimulating factor-2 (BSF-2);Cytotoxic T cell differentiation factor (CDF);Hepatocyte stimulating factor (HSF);Hybridoma/plasmacytoma growth factor (HPGF)
Uniprot ID	P05231
Gene ID	3569
Background	IL-6 is a potent lymphoid cell growth factor that stimulates the growth and survival of certain B cells and T cells. IL-6 plays a role in host defense, acute phase reactions, immune response, and hematopoiesis. IL-6 is expressed by T cells, B cells, monocytes, fibroblasts, hepatocytes, endothelial cells and keratinocytes. The MQ2-39C3 antibody can neutralize the bioactivity of natural or recombinant IL-6.

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