



IL-4 Antibody [MP4-25D2] (APC)

Cat. No.: 77-070



IL-4 Antibody [MP4-25D2] (APC)

Ψ Specifications

HOST SPECIES:	Rat
SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	Flow
SPECIFICITY:	The MP4-25D2 monoclonal antibody specifically reacts with human Interleukin-4 (IL-4), expressed by the activated T cells and mast cells.

Ψ Properties

PURIFICATION:	The monoclonal antibody was purified utilizing affinity chromatography and unreacted dye was removed from the product.
CLONALITY:	Monoclonal
ISOTYPE:	Rat IgG1, kappa
CONJUGATE:	APC
PHYSICAL STATE:	liquid
BUFFER:	Phosphate-buffered aqueous solution, ≤0.09% Sodium azide, may contain carrier protein/stabilizer, pH7.2.
CONCENTRATION:	batch dependent

STORAGE CONDITIONS:

The product should be stored undiluted at 4 °C and should be protected from prolonged exposure to light. Do not freeze.

Ψ Additional Info

OFFICIAL SYMBOL:	IL4
ALTERNATE NAMES:	BSF1, IL-4, BCGF1, BSF-1, BCGF-1, IL4
GENE ID:	3565
USER NOTE:	Optimal dilutions for each application to be determined by the researcher.

Ψ Background and References

BACKGROUND:	The MP4-25D2 monoclonal antibody specifically reacts with human Interleukin-4 (IL-4), expressed by the activated T cells and mast cells. IL-4 is species-specific and stimulates the proliferation and differentiation of B lymphocytes. It upregulates the expression of IgE receptors and class II MHC antigen. The MP4-25D2 is a neutralizing antibody and is reported to be cross-reactive with rhesus monkeys.
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