



# IL-4 Antibody [MP4-25D2] (PE)

Cat. No.: 77-068



## Ψ Specifications

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

## Ψ Properties

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

## Additional Info

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

## Background and References

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<b>BACKGROUND:</b>	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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