

## IL4 antibody [MP4-25D2] (PE)

Cat. No. GTX01492-08

|             |                      |
|-------------|----------------------|
| Host        | Rat                  |
| Clonality   | Monoclonal           |
| Isotype     | IgG1                 |
| Application | FACS                 |
| Reactivity  | Human, Rhesus Monkey |

Reference ( 4 )

Package

100 test

## PRODUCT

## Summary

The MP4-25D2 antibody is specific for human IL-4, a pleiotropic cytokine that Th2 cell differentiation, B cell proliferation and differentiation, and B cell class switching to IgE. MP4-25D2 is a neutralizing antibody and is reported to cross react with rhesus monkey IL-4.

## APPLICATION

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

| Suggested dilution                | Recommended dilution   |
|-----------------------------------|--|
| FACS                              | 0.125 µg (5 µl) for 10 <sup>5</sup> -10 <sup>8</sup> cells in 100 µl sample per test |
| Not tested in other applications. |  |

**Calculated MW** 17 kDa. ( [Note](#) )

## PROPERTIES

|               |  |
|---------------|--|
| Form          | Liquid   |
| Buffer        | 10mM NaH <sub>2</sub> PO <sub>4</sub> , 150mM NaCl, 0.1% Gelatin   |
| Preservative  | 0.09% Sodium azide   |
| Storage       | Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C. DO NOT FREEZE. Protect from light. |
| Concentration | 0.025 mg/ml (Please refer to the vial label for the specific concentration.)   |
| Purification  | Purified by affinity chromatography<br>From tissue culture supernatant   |
| Conjugation   | Phycoerythrin (PE)   |

## Note

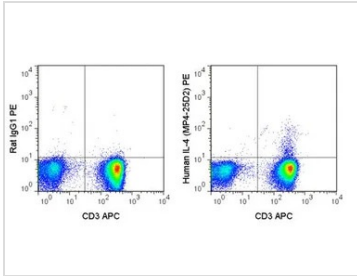
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## DATA IMAGES



### GTx01492-08 FACS Image

FACS analysis of human peripheral blood lymphocytes (with PMA and Ionomycin stimulation) using GTx01492-08 IL4 antibody [MP4-25D2] (PE).

Right panel : co-stained with IL4 antibody [MP4-25D2] (PE) and Human CD3 antibody (APC)

Left panel : co-stained with isotype control and Human CD3 antibody (APC)

antibody amount : 0.125 µg (5 µl)



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