

**43-1094: Monoclonal Antibody to Human IL-4 NALE™ Purified (Clone: MP4-25D2)**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MP4-25D2
<b>Reactivity :</b>	Human
<b>Gene :</b>	IL4
<b>Gene ID :</b>	3565
<b>Uniprot ID :</b>	P05112
<b>Alternative Name :</b>	B-cell stimulatory factor 1, Binetrakin, Lymphocyte stimulatory factor 1, Pitrakinra
<b>Isotype :</b>	Rat IgG1, kappa

**Description**

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.

**Product Info**

<b>Amount :</b>	500 µg
<b>Content :</b>	2.0 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
<b>Storage condition :</b>	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography.

**Application Note**

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.