

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

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

Amount :	500 µg
Content :	2.0 mg/ml in Phosphate-buffered aqueous solution, pH7.2.
Storage condition :	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.