

43-1093: Monoclonal Antibody to Mouse IL-4 NALE™ Purified (Clone: 11B11)

Clonality :	Monoclonal
Clone Name :	11B11
Application :	FACS
Reactivity :	Mouse
Gene :	Il4
Gene ID :	16189
Uniprot ID :	P07750
Alternative Name :	Il-4, B-cell IgG differentiation factor, B-cell growth factor 1, B-cell stimulatory factor 1, IGG1 induction factor, Lymphocyte stimulatory factor 1
Isotype :	Rat IgG1, kappa

Description

The 11B11 monoclonal antibody specifically reacts with mouse 14 kDa cytokine IL-4, expressed by the activated NKT 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 11B11 antibody neutralizes the IL-4 cytokine.

Product Info

Amount :	500 µg
Content :	2 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. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

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.