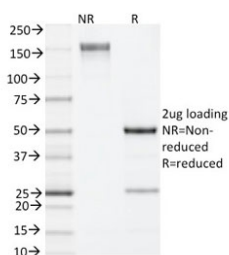


IL-4 Antibody [clone 11B11] (V8351)

Catalog No.	Formulation	Size
V8351-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8351-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8351SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Mouse
Format	Purified
Clonality	Monoclonal (rat origin)
Isotype	Rat IgG1, kappa
Clone Name	11B11
Purity	Protein G affinity chromatography
UniProt	P07750
Applications	ELISA (order BSA/azide-free Format) : Flow Cytometry : 1-2ug/10 ⁶ cells in 0.1ml Immunofluorescence : 1-2ug/ml
Limitations	This IL-4 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free IL-4 antibody (clone 11B11) as confirmation of integrity and purity.

Description

IL-4 is a pleiotropic cytokine produced by activated T cells, mast cells, and basophils. IL-4 is a potent lymphoid cell growth factor, which stimulates the growth and activation of certain B cells and T cells. IL-4 is important for regulation of T helper

subset development. IL-4 is expressed primarily by activated Th2 cells and NK cells, and at lower levels by mast cells, and basophils. IL-4 signals through the IL-4R, and dendritic cell IL-12.

Application Notes

Optimal dilution of the IL-4 antibody should be determined by the researcher.

Immunogen

Partially purified native mouse IL-4 protein was used as the immunogen for this IL4 antibody.

Storage

Store the IL-4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).