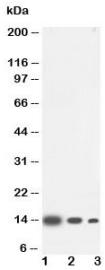
IL4 Antibody (R30494)

Catalog No.	Formulation	Size
R30494	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P05112
Applications	Western blot: 0.5-1ug/ml
Limitations	This IL4 antibody is available for research use only.



Western blot testing of IL4 antibody and Lane 1: recombinant human protein 10ng; 2: 5ng; 3: 2.5ng. Expected molecular weight: 14-20 kDa depending on glycosylation level.

Description

Interleukin-4, also knowns as a B-cell stimulatory factor 1 (BSF1), is an immunomodulatory cytokine which can inhibit the growth of tumour cells. The protein may act as an autocrine growth factor in pancreatic cancer cells and also give rise to the possibility that cancer-derived IL4 may suppress cancer-directed immunosurveillance in vivo in addition to its growth-promoting effects, thereby facilitating pancreatic tumor growth and metastasis.

For an IL-4 antibody with Western blot, IHC and flow cytometry validation across human and mouse samples, see our Interleukin 4 Antibody / BSF-1 Antibody page.

Application Notes

Variations in secondary/substrate sensitivities and test protocols may require the IL4 antibody to be titrated for optimal performance.

Immunogen

An amino acid sequence from the middle region of human Interleukin-4 (AATVLRQFYSHHEKDTR) was used as the immunogen for this IL4 antibody.

Storage

The lyophilized IL4 antibody can be stored at 4oC to -20oC. After reconstitution, aliquot and store at -20oC. Avoid repeated freeze/thaws.

Copyright © NSJ Bioreagents. All rights reserved.