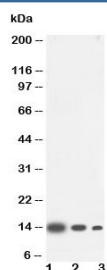


## IL4 Antibody (R30494)

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

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	P05112
<b>Applications</b>	Western Blot : 0.5-1ug/ml
<b>Limitations</b>	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 known 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.

## 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.