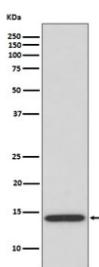


## IL-4 Antibody [clone AADD-9] (RQ5106)

Catalog No.	Formulation	Size
RQ5106	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

**Bulk quote request**

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AADD-9
Purity	Affinity purified
UniProt	P05112
Applications	Western Blot : 1:500-1:2000
Limitations	This IL-4 antibody is available for research use only.



Western blot testing of human tonsil lysate with IL-4 antibody. Expected molecular weight: 14-20 kDa depending on glycosylation level.

### Description

The protein encoded by this gene is a pleiotropic cytokine produced by activated T cells. This cytokine is a ligand for interleukin 4 receptor. The interleukin 4 receptor also binds to IL13, which may contribute to many overlapping functions of this cytokine and IL13. STAT6, a signal transducer and activator of transcription, has been shown to play a central role in mediating the immune regulatory signal of this cytokine. [RefSeq]

## Application Notes

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

## Immunogen

A synthetic peptide specific to human Interleukin 4 was used as the immunogen for the IL-4 antibody.

## Storage

Store the IL-4 antibody at -20oC.