



# Rabbit Anti-Mouse IL-4 monoclonal antibody, clone 20I20M8 (CABT-L1409)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	This antibody is predicted to react with rat, non-human primate and rabbit based on sequence homology.
<b>Target</b>	IL4
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 21-95 of mouse IL-4
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	20I20M8
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

# BACKGROUND

## Introduction

Interleukin-4 is a pleiotropic cytokine responsible for differentiation of T-cells. IL-4 has been found to have the broadest range of actions. It has been found to bind to IL-13 which may result in overlapping functions between IL-4 and IL-13. A signal transducer STAT6 is known to play an important role in arbitrating immune regulatory signal of IL-4. It is found as a cluster with other Interleukins on the q arm of chromosome 5.

## Keywords

IL4;interleukin 4;BSF1;IL-4;BCGF1;BSF-1;BCGF-1;interleukin-4;binetrakin;pitrakinra;B cell growth factor 1;interleukin 4 variant 2;B\_cell stimulatory factor 1;lymphocyte stimulatory factor 1;6A1

# GENE INFORMATION

## Entrez Gene ID

[16189](#)

## UniProt ID

[P07750](#)