



# Rabbit Anti-Human IL-12 p40 monoclonal antibody, clone 32 I20M25 (CABT-L1397)

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 non-human primate, mouse and rat based on sequence homology.
<b>Target</b>	IL12
<b>Immunogen</b>	Recombinant protein corresponding to amino acids 23-172 of human IL-12B p40.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	32 I20M25
<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**

IL-12 (Interleukin 12) is produced primarily by macrophages, neutrophils, and dendritic cells. It is a disulphide linked heterodimeric cytokine with a 40 KDa subunit (p40) and a 35 KDa subunit. IL-12 is a regulatory cytokine important for mediating cellular immune responses. It helps in induction of cytotoxic activities, proliferation, and Th1 cell development. Human and mouse IL12 p40 share about 70% amino acid sequence homology.

**Keywords**

CLMF;CLMF p35;CLMF p40;CLMF1;CLMF2;Cytotoxic lymphocyte maturation factor 1, p35;Cytotoxic lymphocyte maturation factor 35 kDa subunit;Cytotoxic lymphocyte maturation factor 40 kDa subunit;IL 12 subunit p35;IL 12 subunit p40

# GENE INFORMATION

**Entrez Gene ID**

[3593](#)