



# Rabbit Anti-Human IL-23 monoclonal antibody, clone 37I30M34 (CABT-L1403)

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 mouse, rat and non-human primate based on sequence homology.
<b>Target</b>	IL23A
<b>Immunogen</b>	Peptide corresponding to amino acids 55-67 of human Interlukin-23
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	37I30M34
<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-23 is a member of the IL-12 cytokine family which is produced by dendritic cells and other antigen presenting cells in the peripheral tissues. This cytokine is a heterodimer composed of an IL-12p40 subunit, and a p19 subunit. IL-23 plays an important role in stimulating memory T-cells. It is also required for the induction, expansion, maintenance, and downstream effector functions of Th17 cells. Th17 cells play a vital role in upregulating neutrophil chemokines and various pro-inflammatory cytokines. IL-23 interacts with the receptors IL-12R beta1 and IL-23R to activate the Jak-Stat signaling cascade.

**Keywords**

IL23A;interleukin 23;alpha subunit p19;P19;SGRF;IL-23;IL-23A;IL23P19;interleukin-23 subunit alpha;IL-23-A;IL-23p19;IL-23 subunit alpha;interleukin 23 p19 subunit;interleukin-23 subunit p19;JKA3 induced upon T-cell activation;interleukin-six;G-CSF related factor;BI 655066

# GENE INFORMATION

**Entrez Gene ID**

[51561](#)

**UniProt ID**

[Q9NPF7](#)