



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

| | |
|---------------------------|---|
| Specificity | This antibody is predicted to react with mouse, rat and non-human primate based on sequence homology. |
| Target | IL23A |
| Immunogen | Peptide corresponding to amino acids 55-67 of human Interlukin-23 |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Clone | 37I30M34 |
| Purification | Protein A Purified |
| Conjugate | Unconjugated |
| Applications | WB |
| Format | Liquid |
| Concentration | 0.5 mg/ml |
| Buffer | PBS |
| Preservative | 0.09% Sodium Azide |
| Storage | 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](#)