

IL-23 alpha Rabbit mAb
Catalog # AP77832**Specification****IL-23 alpha Rabbit mAb - Product Information**

Application	WB
Primary Accession	Q9NPF7
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	20730

IL-23 alpha Rabbit mAb - Additional Information

Gene ID 51561

Other Names
IL23A**Dilution**
WB~~1/500-1/1000**Format**
Liquid**IL-23 alpha Rabbit mAb - Protein Information****Name** IL23A**Synonyms** SGRF**Function**

Associates with IL12B to form the pro-inflammatory cytokine IL-23 that plays different roles in innate and adaptive immunity (PubMed: [11114383](http://www.uniprot.org/citations/11114383)). Released by antigen-presenting cells such as dendritic cells or macrophages, binds to a heterodimeric receptor complex composed of IL12RB1 and IL23R to activate JAK2 and TYK2 which then phosphorylate the receptor to form a docking site leading to the phosphorylation of STAT3 and STAT4 (PubMed: [29287995](http://www.uniprot.org/citations/29287995), PubMed: [32474165](http://www.uniprot.org/citations/32474165), PubMed: [33606986](http://www.uniprot.org/citations/33606986)). This process leads to activation of several pathways including p38 MAPK or NF-kappa-B and promotes the production of pro-inflammatory cytokines such as interleukin-17A/IL17A (PubMed: [12023369](http://www.uniprot.org/citations/12023369)). In turn, participates in the early and effective intracellular bacterial clearance (PubMed: [32474165](http://www.uniprot.org/citations/32474165)). Promotes the expansion and survival of T-helper 17 cells, a CD4-positive helper T-cell subset that produces IL-17, as well as other IL-17-producing cells (PubMed: [32474165](http://www.uniprot.org/citations/32474165)).

href="http://www.uniprot.org/citations/17676044" target="_blank">17676044).

Cellular Location

Secreted. Note=Secreted upon association with IL12B

Tissue Location

Secreted by activated dendritic and phagocytic cells and keratinocytes. Also expressed by dermal Langerhans cells (at protein level).

IL-23 alpha Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL-23 alpha Rabbit mAb - Images

