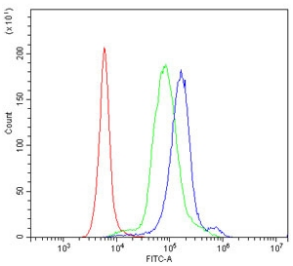
IL-23 Receptor Antibody (RQ6192)

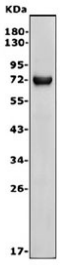
Catalog No.	Formulation	Size
RQ6192	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.0125% sodium azide
UniProt	Q5VWK5
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This IL-23 Receptor antibody is available for research use only.



Flow cytometry testing of human PBM cells with IL-23 Receptor antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= IL-23 Receptor antibody.



Western blot testing of human HL60 cell lysate with IL-23 Receptor antibody. Predicted molecular weight ~72 kDa.

Description

Interleukin 23 receptor is a type I cytokine receptor. IL23R is its human gene. The protein encoded by this gene is a subunit of the receptor for IL23A/IL23. This protein pairs with the receptor molecule IL12RB1/IL12Rbeta1, and both are required for IL23A signaling. This protein associates constitutively with Janus kinase 2 (JAK2), and also binds to transcription activator STAT3 in a ligand-dependent manner.

Application Notes

Optimal dilution of the IL-23 Receptor antibody should be determined by the researcher.

Immunogen

A human recombinant partial protein (amino acids Q76-Q 305) was used as the immunogen for the IL-23 Receptor antibody.

Storage

After reconstitution, the IL-23 Receptor antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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