

Anti-IL-23R Reference Antibody (Schering patent anti-IL-23R)

Catalog # APR11335

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q5VWK5
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	71722

Additional Information

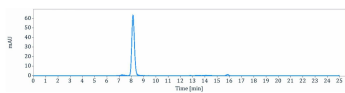
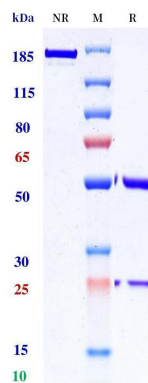
Target/Specificity	IL-23R
Expression system	CHO

Protein Information

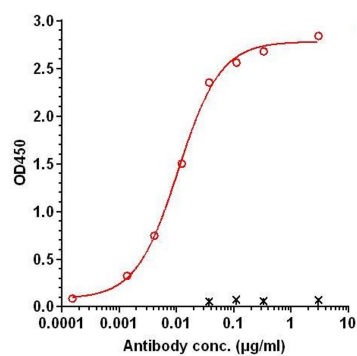
Name	IL23R
Function	Associates with IL12RB1 to form the interleukin-23 receptor. Binds IL23 and mediates T-cells, NK cells and possibly certain macrophage/myeloid cells stimulation probably through activation of the Jak-Stat signaling cascade. IL23 functions in innate and adaptive immunity and may participate in acute response to infection in peripheral tissues. IL23 may be responsible for autoimmune inflammatory diseases and be important for tumorigenesis.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed by monocytes, Th1, Th0, NK and dendritic cells. Isoform 1 is specifically expressed in NK cells

Images

Anti-IL-23R Reference Antibody (Schering patent anti-IL-23R) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-23R Reference Antibody (Schering patent anti-IL-23R) is 96.08%, determined by SEC-HPLC.



Immobilized N-His-HuIL23R-ECD at 2 µg/mL can bind Schering patent anti-IL-23R, EC₅₀= 0.1074 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.