

Anti-IL22RA1 Reference Antibody (Temtokibart)

Catalog # APR11509

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q8N6P7
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	63077

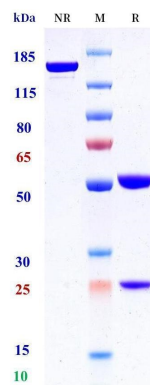
Additional Information

Target/Specificity	IL22RA1
Expression system	CHO

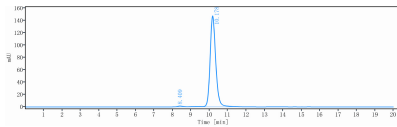
Protein Information

Name	IL22RA1
Synonyms	IL22R
Function	Component of the receptor for IL20, IL22 and IL24. Component of IL22 receptor formed by IL22RA1 and IL10RB enabling IL22 signaling via JAK/STAT pathways. IL22 also induces activation of MAPK1/MAPK3 and Akt kinases pathways. Component of one of the receptor for IL20 and IL24 formed by IL22RA1 and IL20RB also signaling through STATs activation. Mediates IL24 antiangiogenic activity as well as IL24 inhibitory effect on endothelial cell tube formation and differentiation.
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in colon, liver, lung, pancreas and kidney. No expression in immune cells such as monocytes, T-cells, and NK-cells. Expressed in keratinocytes of normal skin as well as in psoriatic skin lesion. Detected in normal blood brain barrier endothelial cells as well as in multiple sclerosis lesions; Strongly expressed on central nervous system vessels within infiltrated multiple sclerosis lesions. Overexpressed in synovial fluid cells from rheumatoid arthritis and spondyloarthropathy patients

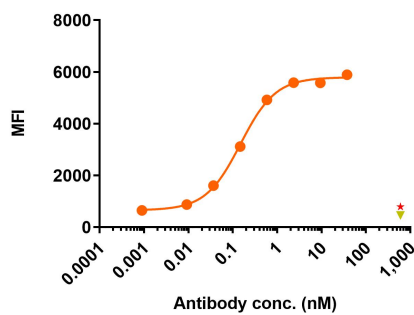
Images



SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL22RA1 Reference Antibody (Temptokibart) is 99.31%, determined by SEC-HPLC.



PLVX-puro-IL22RA1-FL cell line were stained with Temtokibart and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.179 nM.

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