

Anti-IL-19 Reference Antibody (Cheng Kung U. patent anti-IL-19)

Catalog # APR11542

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9UHD0
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG1-TW-DD
Calculated MW	20452

Additional Information

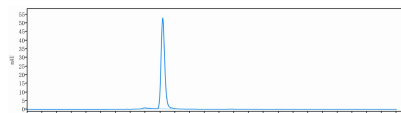
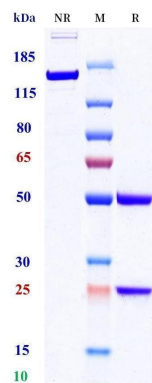
Target/Specificity	IL-19
Expression system	CHO

Protein Information

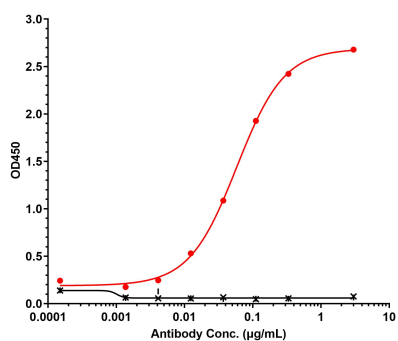
Name	IL19
Synonyms	ZMDA1
Function	Cytokine that functions as an anti-inflammatory and proangiogenic factor (PubMed: 34932373). Polarizes adaptive immunity to an anti-inflammatory phenotype through induction of T-helper 2 responses by both down-regulation of IFN-gamma and up-regulation of IL4 and IL13 (PubMed: 16365913). Produced by osteocytes, stimulates granulopoiesis and neutrophil formation (By similarity). Exerts its biological effect through a receptor complex consisting of a heterodimer of IL20RA and IL20RB (PubMed: 12351624). In turn, activates the Janus kinase (JAK) and signal transducer and activator of transcription (STAT) pathway, and importantly, STAT3 (PubMed: 11564763).
Cellular Location	Secreted.

Images

Anti-IL-19 Reference Antibody (Cheng Kung U. patent anti-IL-19) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-19 Reference Antibody (Cheng Kung U. patent anti-IL-19) is 96.43%, determined by SEC-HPLC.



Immobilized hu-IL-19(Q9UHD0)-his, It's target at 2 μg/mL can bind Cheng Kung U. patent anti-IL-19, EC50= 0.05822 μg/mL.

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