

Anti-IL-24 Reference Antibody (ArgenX patent anti-IL-24)

Catalog # APR11454

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q13007
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	23825

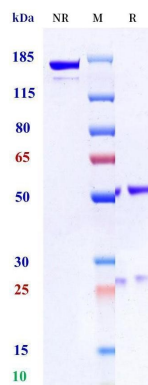
Additional Information

Target/Specificity	IL-24
Expression system	CHO

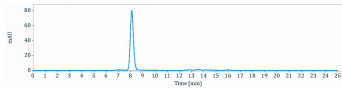
Protein Information

Name	IL24
Synonyms	MDA7, ST16
Function	Multifunctional cytokine mainly produced by T-cells that plays a regulatory role in immune response, tissue homeostasis, host defense, and oncogenesis (PubMed: 25168428 , PubMed: 27687232). Possesses antiviral functions and induces the type I interferon response during influenza infection (PubMed: 27687232). Signals through two receptor complexes IL20RA/IL20RB or IL20RB/IL22RA1 (PubMed: 11706020 , PubMed: 30111632). In turn, stimulates the JAK1-STAT3 and MAPK pathways and promotes the secretion of pro-inflammatory mediators including IL8 and MMP1 (PubMed: 25168428). Intracellularly, maintains endoplasmic reticulum homeostasis by restricting the eIF2alpha-CHOP pathway- mediated stress signal (By similarity). In addition, acts as a quality control mechanism for the ubiquitin proteasome system by alerting the cell to proteasome dysfunction through activation of PKR/EIF2AK2 (By similarity).
Cellular Location	Secreted.
Tissue Location	Up-regulated in melanoma cells induced to terminally differentiate

Images



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



The purity of Anti-IL-24 Reference Antibody (ArgenX patent anti-IL-24) is 97.81%, determined by SEC-HPLC.

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