10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-IL-1R1 / CD121a Reference Antibody (AMG 108)

Recombinant Antibody
Catalog # APR10710

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P14778
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2SA
Calculated MW	65402

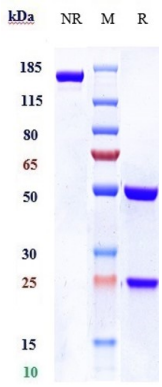
Additional Information

Target/Specificity	IL-1R1 / CD121a
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

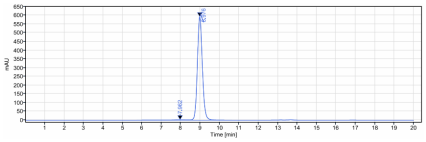
Protein Information

Name	IL1R1
Synonyms	IL1R, IL1RA, IL1RT1
Function	Receptor for IL1A, IL1B and IL1RN (PubMed: 2950091, PubMed:37315560). After binding to interleukin-1 associates with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa- B, MAPK and other pathways. Signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binds ligands with comparable affinity and binding of antagonist IL1RN prevents association with IL1RAP to form a signaling complex. Involved in IL1B-mediated costimulation of IFNG production from T-helper 1 (Th1) cells (PubMed:10653850).
Cellular Location	Membrane; Single- pass type I membrane protein. Cell membrane. Secreted
Tissue Location	Expressed in T-helper cell subsets. Preferentially expressed in T-helper 1 (Th1) cells.

Images



Anti-IL-1R1 / CD121a Reference Antibody (AMG 108) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-1R1 / CD121a Reference Antibody (AMG 108) is 99.03%, determined by SEC-HPLC.

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