

**Anti-CD28 Reference Antibody (Iulizumab)
Recombinant Antibody
Catalog # APR10521**

Specification

Anti-CD28 Reference Antibody (Iulizumab) - Product Information

Application	FC, E, FTA
Primary Accession	P10747
Reactivity	Cynomolgus, Human
Clonality	Monoclonal
Isotype	V-kappa
Calculated MW	12.01 KDa

Anti-CD28 Reference Antibody (Iulizumab) - Additional Information

Target/Specificity
CD28

Endotoxin
< 0.001EU/ µg, determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

Storage
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

Anti-CD28 Reference Antibody (Iulizumab) - Protein Information

Name CD28

Function
Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival. Enhances the production of IL4 and IL10 in T-cells in conjunction with TCR/CD3 ligation and CD40L costimulation (PubMed: [8617933](http://www.uniprot.org/citations/8617933)). Isoform 3 enhances CD40L-mediated activation of NF-kappa-B and kinases MAPK8 and PAK2 in T-cells (PubMed: [15067037](http://www.uniprot.org/citations/15067037)).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

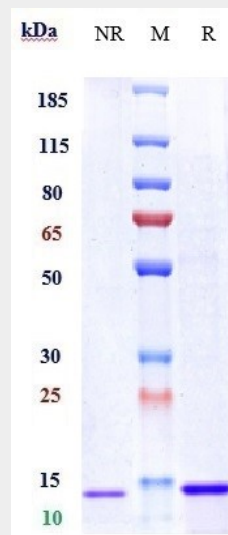
Expressed in T-cells and plasma cells, but not in less mature B-cells

Anti-CD28 Reference Antibody (Iulizumab) - Protocols

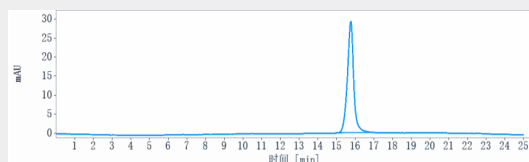
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD28 Reference Antibody (Iulizumab) - Images



Anti-CD28 Reference Antibody (Iulizumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CD28 Reference Antibody (Iulizumab) is more than 100% ,determined by SEC-HPLC.