Anti-TLR3 / CD283 Reference Antibody (CNTO5429)
Recombinant Antibody
Catalog # APR11046

Specification

Anti-TLR3 / CD283 Reference Antibody (CNTO5429) - Product Information

Application	**FC, Kinetics, Animal Model**
Primary Accession	O15455
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**145.42 KDa**

Anti-TLR3 / CD283 Reference Antibody (CNTO5429) - Additional Information

Target/Specificity
TLR3 / CD283

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.

Anti-TLR3 / CD283 Reference Antibody (CNTO5429) - Protein Information

Name TLR3 (HGNC:11849)

Function
Key component of innate and adaptive immunity. TLRs (Toll- like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via the adapter TRIF/TICAM1, leading to NF-kappa-B activation, IRF3 nuclear translocation, cytokine secretion and the inflammatory response.

Cellular Location
Endoplasmic reticulum membrane; Single-pass type I membrane protein. Endosome membrane. Early endosome

Tissue Location
Expressed at high level in placenta and pancreas. Also detected in CD11c+ immature dendritic
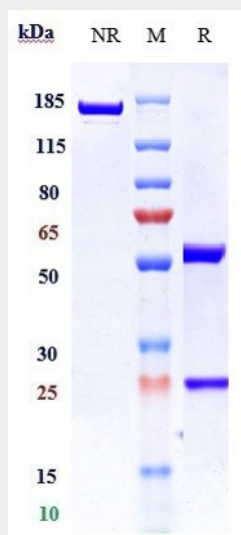
cells. Only expressed in dendritic cells and not in other leukocytes, including monocyte precursors. TLR3 is the TLR that is expressed most strongly in the brain, especially in astrocytes, glia, and neurons

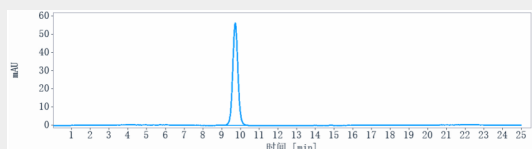**Anti-TLR3 / CD283 Reference Antibody (CNTO5429) - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-TLR3 / CD283 Reference Antibody (CNTO5429) - Images

Anti-TLR3 / CD283 Reference Antibody (CNTO5429) 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-TLR3 / CD283 Reference Antibody (CNTO5429)is more than 95% ,determined by SEC-HPLC.