

For Research Use Only

# TLR3/CD283 Polyclonal antibody

Catalog Number: 17766-1-AP

Featured Product

16 Publications



## Basic Information

**Catalog Number:**

17766-1-AP

**Size:**

150ul, Concentration: 247 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG12171

**GenBank Accession Number:**

BC094737

**GeneID (NCBI):**

7098

**UNIPROT ID:**

O15455

**Full Name:**

toll-like receptor 3

**Calculated MW:**

904 aa, 104 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

IHC 1:50-1:500

## Applications

**Tested Applications:**

IHC, ELISA

**Cited Applications:**

IHC

**Species Specificity:**

human

**Cited Species:**

human, mouse

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

IHC : human tonsillitis tissue,

## Background Information

TLR3 belongs to the Toll-like receptor family which is important in the innate immune response to pathogens. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. TLR3 is a nucleotide-sensing TLR that is activated by double-stranded RNA. Upon recognition of dsRNA, TLR3 transmits signals via the adaptor protein TICAM-1/TRIF, leading to the induction of type I IFN, cytokine/chemokine production, and dendritic cell (DC) maturation (PMID: 18262679).

## Notable Publications

Author	Pubmed ID	Journal	Application
Matthew Charman	34621686	Front Cell Infect Microbiol	
Yingmei Luo	34956614	Toxicol Res (Camb)	
Yanru Fei	31676570	RNA	

## Storage

**Storage:**

Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

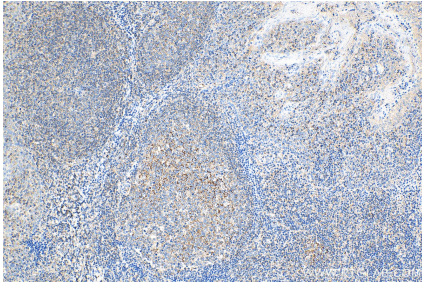
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

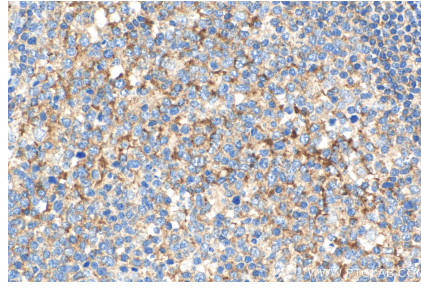
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17766-1-AP (TLR3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17766-1-AP (TLR3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).