

For Research Use Only

TLR6 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84811-2-PBS



Basic Information

Catalog Number:

84811-2-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC111755

GeneID (NCBI):

10333

UNIPROT ID:

Q9Y2C9

Full Name:

toll-like receptor 6

Calculated MW:

480 aa, 56 kDa

Purification Method:

Protein A purification

CloneNo.:

241926F2

Applications

Tested Applications:

IF-P, Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human, mouse

Background Information

TLR6, also known as CD286, belongs to the Toll-like receptor (TLR) 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. TLR6 can form a heterodimer with TLR2. TLR6 and TLR2 are both recruited to the macrophage phagosome, where they recognize peptidoglycan, a Gram-positive pathogen component (PMID: 11095740). TLR6 interacts with CD36, following CD36 stimulation by oxLDL or amyloid-beta 42, and forms a heterodimer with TLR4. The trimeric complex is internalized and triggers an inflammatory response.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

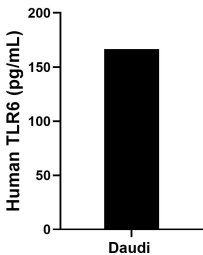
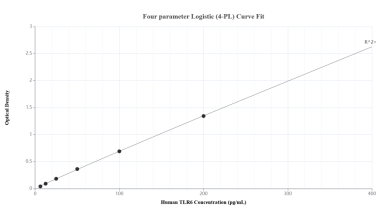
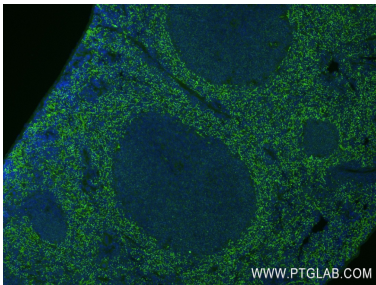
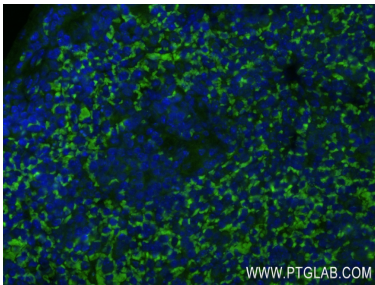
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



The mean TLR6 concentration was determined to be 166.5 pg/mL in Daudi cell extract based on a 1.8 mg/mL extract load.