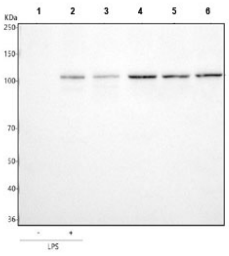
TLR2 Antibody (R32649)

Catalog No.	Formulation	Size
R32649	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	O60603
Applications	Western blot: 0.5-1ug/ml
Limitations	This TLR2 antibody is available for research use only.



Western blot testing of human 1) ThP-1 without LPS treatment, 2) ThP-1 with LPS treatment, 3) HaCaT, 4) PC-3, 5) Caco-2 and 6) HepG2 cell lysate with TLR2 antibody. Predicted molecular weight: 85-90 kDa.

Description

Toll-like receptor 2, also known as TLR-2, is a protein that in humans is encoded by the TLR2 gene. It has also been designated as CD282 (cluster of differentiation 282). TLR-2 plays a role in the immune system. And TLR-2 is a membrane protein, a receptor, which is expressed on the surface of certain cells and recognizes foreign substances and passes on appropriate signals to the cells of the immune system. TLR2 expresses as 4- and 4.4-kb mRNAs in heart, brain, and muscle.

Application Notes

Optimal dilution of the TLR2 antibody should be determined by the researcher.

Immunogen

Amino acids H610-S784 from the human protein were used as the immunogen for the TLR2 antibody.

Storage

After reconstitution, the TLR2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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