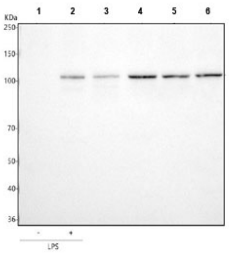
# TLR2 Antibody (R32649)

| 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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