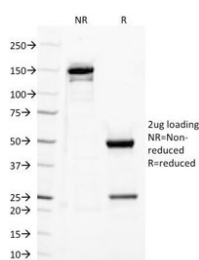


## TLR2 Antibody / Toll Like Receptor 2 [clone TLR2/221] (V2896)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V2896-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V2896-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V2896SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

**Bulk quote request**

|                           |                                                           |
|---------------------------|-----------------------------------------------------------|
| <b>Availability</b>       | 1-3 business days                                         |
| <b>Species Reactivity</b> | Human                                                     |
| <b>Format</b>             | Purified                                                  |
| <b>Clonality</b>          | Monoclonal (mouse origin)                                 |
| <b>Isotype</b>            | Mouse IgG2a, kappa                                        |
| <b>Clone Name</b>         | TLR2/221                                                  |
| <b>Purity</b>             | Protein G affinity chromatography                         |
| <b>UniProt</b>            | O60603                                                    |
| <b>Localization</b>       | Cell surface                                              |
| <b>Applications</b>       | Functional Studies (order BSA/sodium Azide-free Format) : |
| <b>Limitations</b>        | This TLR2 antibody is available for research use only.    |



SDS-PAGE Analysis of Purified, BSA-Free TLR2 Antibody (clone TLR2/221). Confirmation of Integrity and Purity of the Antibody.

## Description

This mAb reacts with human Toll-like receptor 2 (TLR2). It is a member of the Toll-like receptor (TLR) family, which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila

to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is expressed most abundantly in peripheral blood leukocytes, and mediates host response to Gram-positive bacteria and yeast via stimulation of NF-kappaB.

## Application Notes

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

1. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.

## Immunogen

Recombinant human protein was used as the immunogen for the TLR2 antibody.

## Storage

Store the TLR2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).