

## CD284 (Toll-Like Receptor 4) Antibody

Mouse Monoclonal Antibody [Clone TLR4/230]

Catalog No	Format	Size
7099-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
7099-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
7099-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

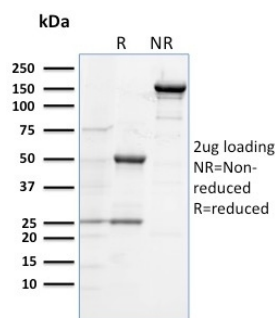
Applications	Tested Dillution	Note
--------------	------------------	------

### Product Details

<b>Clone</b>	TLR4/230
<b>Gene Name</b>	TLR4
<b>Immunogen</b>	Recombinant full-length human TLR4 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2a / Kappa
<b>Mol. Weight of Antigen</b>	95-120kDa
<b>Cellular Localization</b>	Cell membrane, Cell projection, Early endosome, Ruffle
<b>Species Reactivity</b>	Dog, Guinea Pig, Human, Monkey, Pig, Rat
<b>Positive Control</b>	HeLa, human peripheral blood cells. Dendritic cells, macrophage and monocytes in tonsil; placenta and adrenal., PC12

\*Optimal dilution for a specific application should be determined.

### Product Images for CD284 (Toll-Like Receptor 4) Antibody



SDS-PAGE Analysis of Purified CD284 Mouse Monoclonal Antibody (TLR4/230). Confirmation of Integrity and Purity of Antibody.

### Specificity & Comments

This MAb reacts with human Toll-like receptor 2 (TLR4). 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 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 receptor has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Multiple transcript variants encoding different isoforms have been found for this gene.

### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

2 Union Square, Union City, CA 94587, Tel: 1-866-2-NEOBIO (1-866-263-6246)  
orders@NeoBiotechnologies.com, www.NeoBiotechnologies.com

### Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Apoptosis, Cardiovascular, Colon Cancer, Immuno Oncology, Immunology, Infectious Disease