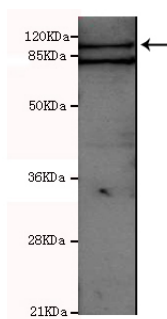




TLR4 Antibody

E220022

Catalog Number	E220022-1, E220022-2
Amount	50µg/50µl, 100µg/100µl
Description	Mouse monoclonal IgG to TLR4
GeneBank ID	NM_138554.3
Immunogen	Synthetic peptide from the N-terminal region of human TLR4, conjugated to KLH.
Reacts with	Hu
Tested applications	Recommended dilutions. ELISA: 1/5000 - 1/20000. WB: 1/100-1/2000.
Cellular localization	Plasma membrane.
Relevance	Toll like receptors (TLR) are highly conserved throughout evolution and have been implicated in the innate defense to many pathogens. In <i>Drosophila</i> toll is required for the anti fungal response, while the related 18 wheeler is involved in antibacterial defenses. TLR4 has been identified next to MD2 and CD14 as a receptor that is central to the innate immune response to lipopolysaccharides (LPS) of Gram negative bacteria. TLR4 is weakly expressed by resting cells, but is upregulated following stimulation with LPS.
Purity	Protein G-Sepharose affinity purified.
Storage buffer	Preservative: 0.02% Sodium Azide and 50% glycerol, 1% BSA, PBS, pH7.4.
Form	Liquid
Storage instructions	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.



TLR4 antibody (E220022) at 1/1000 dilution. Hela whole cell lysate 40ug. Predicted band size: 90Kda. Observed band size: 100Kda.

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