

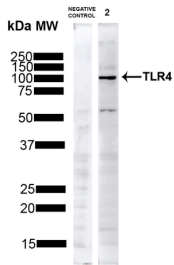
Anti-TLR4 Antibody (A304918)

Specifications:

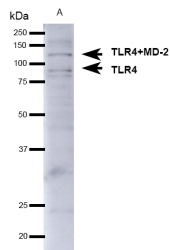
Name:	Anti-TLR4 Antibody
Description:	Rabbit polyclonal antibody to TLR4.
Specificity:	This antibody detects ~75-80 kDa when tested against partial recombinant mouse TLR4 (extra-cellular portion plus His-tag).
Applications:	WB, IHC, ICC/IF, Flow Cytometry, FACS
Recommended Dilutions:	WB: 1:500, IHC: 1:50
Reactivity:	Human, Mouse
Immunogen:	Developed against a synthetic peptide corresponding to amino acids 420-435 of human TLR4.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Protein A purification.
Concentration:	1 mg/ml
Molecular Weight:	~75-80 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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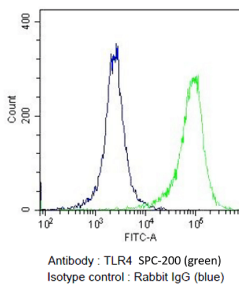
Images:



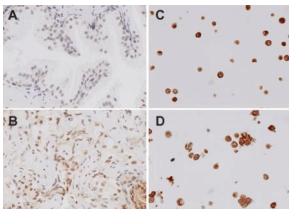
Western blot analysis of human HeLa showing detection of ~75-80kDa TLR4 protein using Anti-TLR4 Antibody (A304918) at 1:1,000 for 1 hour at room temperature. Lane 1: Molecular Weight Ladder. Lane 2: human HeLa. Load: 10 μ g. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:4,000 for 1 hour at room temperature. Predicted/Observed Size: ~75-80kDa. Other Band(s): ~60kDa (observed degradation bands (PMID: 16885150)).



Western blot analysis of mouse brain showing detection of ~75-80kDa TLR4 protein using Anti-TLR4 Antibody (A304918) at 1:1,000 for 1 hour at room temperature. Lane 1: Molecular Weight Ladder. Lane 2: mouse Brain. Load: 15 μ g. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:4,000 for 1 hour at room temperature. Predicted/Observed Size: ~75-80kDa. Other Band(s): ~130kDa (TLR4+MD-2).



Flow cytometry analysis of human monocytic Leukemia cells (THP-1), fixed in 2% Formaldehyde for 10 min at room temperature, using Anti-TLR4 Antibody (A304918) at 2 μ g/10⁶ cells for 60 minutes at 37°C. The secondary antibody used was Goat Anti-Rabbit Dylight 488 at 1:200 for 40 min at 37°C



Immunohistochemistry analysis of mouse spleen tissue. The Primary Antibody used was Anti-TLR4 Antibody (A304918) at 1:100.