

# AB-NN368-1

## TLR4 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human TLR4



**KINEXUS**

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### Target Protein

<b>Name Long:</b>	Toll-like receptor 4 (TLR4)
<b>Alias:</b>	ARMD10, CD284, TLR 4, TOLL, Toll like receptor 4
<b>UniProt ID:</b>	O00206 - Human
<b>Human Predicted Mass (KDa):</b>	95.680 (839 AA; O00206-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	75-80

### Immunogen

<b>Antibody Immunogen Source:</b>	Developed against a synthetic peptide corresponding to amino acids 420-435 of human TLR4
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### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	38 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline pH 7.4, 0.05% BSA, 0.05% sodium azide
<b>Storage Conditions and Stability:</b>	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

### Applications

<b>Product Use:</b>	WB   IHC   ICC/IF   FACS
<b>Antibody Dilution Recommended:</b>	WB (1:500), IHC (1:50); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse
<b>Antibody Positive Control:</b>	2 µg/ml of SPC-200 was sufficient for detection of TLR4 in 100ng of partial recombinant mouse TLR4 protein by colorimetric immunoblot analysis using Goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~75-80 kDa protein when tested against partial recombinant mouse TLR4 (extra-cellular portion plus His-tag).
<b>Antibody Specificity:</b>	Medium-High

This product is for in vitro research use only and is not intended for use in humans or animals.

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