

Anti-TLR7 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse)
Molecular Weight:	Theoretical: 121 kDa. Actual: 165,40 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Lane 1: Rat Spleen tissue lysates Lane 2: Rat Lung tissue lysates Lane 3: Recombinant human TLR7 protein (24-348/1049aa) 50 ng Primary: Anti-TLR7 (TMAB-13574) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 121 kDa Observed band size: 165, 40 kDa
	2. The THP-1 (H) cells were incubated in 5% BSA to block non-specific protein-protein interactions (30 min at r. T.). Primary Antibody (green): Rabbit Anti-TLR7 antibody (TMAB-13574): 1 µg/10 ⁶ cells; Isotype Control (orange): Rabbit IgG. Blank control (black): PBS. Acquisition of 20,000 events was performed.
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: human TLR7 protein
Antigen Species:	Human
Gene ID:	51284
Uniprot ID:	Q9NYK1

Research Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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