

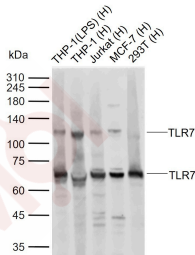
Anti-TLR7 Polyclonal Antibody

Product Details

Ig Type: IgG
Reactivity: Human
Molecular Weight: Theoretical: 121 kDa. Actual: 65121 kDa.
Purification: Protein A purified

Applications

Sample:
Lane 1: Human THP-1 (LPS) cell lysates
Lane 2: Human THP-1 cell lysates
Lane 3: Human Jurkat cell lysates
Lane 4: Human MCF-7 cell lysates
Verified Activity:
Lane 5: Human 293T cell lysates
Primary: Anti-TLR7 (TMAB-01859) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 121 kDa
Observed band size: 65,121 kDa



Application: WB
Recommended WB: 1:500-2000

Properties

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

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human TLR7
Antigen Species: Human
Gene ID: 51284
Uniprot ID: Q9NYK1
Biology Area: Developmental Families, Receptors, Macrophage / Inflamm., TLR Signaling, Transmembrane

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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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