

Anti-TLR10/CD290 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Rat,Cow,Horse,Sheep)
Molecular Weight:	Theoretical: 92 kDa. Actual: 98 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Human HeLa cell lysates
	Lane 2: Human Jurkat cell lysates
	Lane 3: Human HepG2 cell lysates
	Lane 4: Human HL-60 cell lysates
	Lane 5: Human 293T cell lysates
	Lane 6: Human 293T cell lysates
	Lane 7: Human Daudi cell lysates
Primary:	Anti-TLR10/CD290 (TMAB-13570) at 1/1000 dilution
Secondary:	IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 92 kDa
	Observed band size: 98 kDa
Application:	WB
Recommended	WB: 1:500-2000

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:	KLH conjugated synthetic peptide: human TLR10
Antigen Species:	Human
Gene ID:	81793
Uniprot ID:	Q9BXR5

Research Background

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from Drosophila to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns (PAMPs) that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This gene is most highly expressed in lymphoid tissues such as spleen, lymph node, thymus, and tonsil. Multiple alternatively spliced transcript variants which encode different protein isoforms have been found for this gene. [provided by RefSeq, Aug 2010]

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