**bs-7364R** **[ Primary Antibody ]**

# TLR10/CD290 Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 81793 **SWISS:** Q9BXR5

**Target:** TLR10/CD290

**Immunogen:** KLH conjugated synthetic peptide derived from human TLR10: 451-550/811. < Extracellular >

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

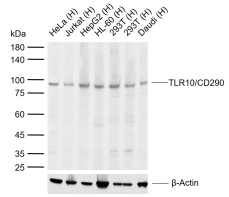
**Applications:** **WB** (1:500-2000)

**Reactivity:** Human (predicted: Rat, Sheep, Cow, Horse)

**Predicted MW.:** 92 kDa

**Subcellular Location:** Cell membrane

## VALIDATION IMAGES




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 (bs-7364R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 92 kDa Observed band size: 98 kDa