



## Rabbit Anti-TLR10/CD290 antibody

SL7364R

<b>Product Name:</b>	TLR10/CD290
<b>Chinese Name:</b>	Toll样蛋白受体10抗体
<b>Alias:</b>	CD 290; CD 290 antigen; CD290; CD290 antigen; MGC104967; MGC126398; MGC126399; OTTHUMP00000158729; OTTHUMP00000218162; TLR10; TLR10_HUMAN; Toll like receptor 10; Toll-like receptor 10; TLR10 toll-like receptor 10; UNQ315/PRO358.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Rat,Cow,Horse,Sheep,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	92kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human TLR10:451-550/811<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Participates in the innate immune response to microbial agents. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

**Tissue Specificity:**

Highly expressed in spleen, lymph node, thymus, tonsil and at lower levels in lung. Highly expressed in promyelocytic HL-60 cells and in B-cell lines.

**Similarity:**

Belongs to the Toll-like receptor family.  
Contains 15 LRR (leucine-rich) repeats.  
Contains 1 LRRCT domain.  
Contains 1 TIR domain.

**SWISS:**

Q9BXR5

**Gene ID:**

81793

**Database links:**

[Entrez Gene: 81793](#) Human

[Omid: 606270](#) Human

[SwissProt: Q9BXR5](#) Human

[Unigene: 120551](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.