

TLR7 Antibody

Catalog No: #35578

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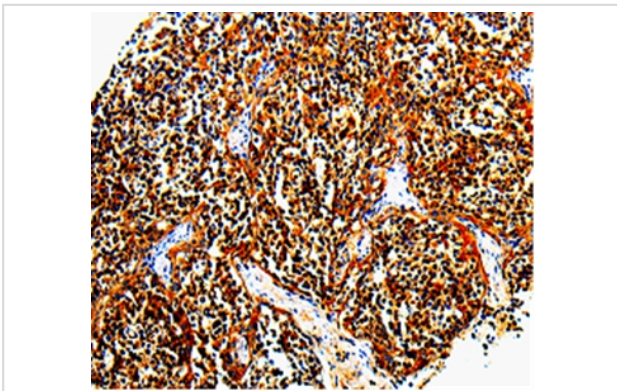
Description

Product Name	TLR7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TLR7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from internal residues of human Toll-like receptor 7
Target Name	TLR7
Other Names	TLR7; Toll-like receptor 7
Accession No.	Swiss-Prot#: Q9NYK1NCBI Gene ID: 51284Gene Accssion: BC033651
Uniprot	Q9NYK1
GeneID	51284;
Concentration	0.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:10-1:50

Images



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #35578 at dilution 1/10.

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 predominantly expressed in lung, placenta,

and spleen, and lies in close proximity to another family member, TLR8, on chromosome X.

Note: This product is for in vitro research use only