

32-6233: Mouse Anti Human Toll-like receptor 7(Clone:P4F4AT.)

Clonality :	Monoclonal
Clone Name :	P4F4AT.
Application :	ELISA,WB
Gene :	TLR7
Gene ID :	51284
Uniprot ID :	Q9NYK1
Format :	Purified
Alternative Name :	Toll-like receptor 7,TLR7.
Isotype :	Mouse IgG1 heavy chain and ? light chain.
Immunogen Information :	Anti-human TLR7 mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with recombinant human TLR7 amino acids 451-500 purified from E. coli.

Description

TLR7 belongs to the Toll-like receptor (TLR) family that 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. TLRs recognize pathogen-associated molecular patterns (PAMPs) which 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. TLR7 is principally expressed in lung, placenta, and spleen, and lies in close proximity to TLR8, on chromosome X.

Product Info

Amount :	20 µg
Purification :	TLR7 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

TLR7 antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 2,000. Recommended starting dilution is 1:1,000.