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Anti-Toll-like Receptor 3 Antibody

Mouse Monoclonal Antibody
Catalog # AP53439

Product Information

Application	WB
Primary Accession	O15455
Other Accession	NM_003265
Reactivity	Transfected
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Immunogen	Purified recombinant human Toll-Like Receptor 3 protein fragments expressed in E.coli.
Purification	Affinity purified
Calculated MW	103829

Additional Information

Gene ID	7098
Other Names	CD283 ; CD283 antigen ; IIAE2 ; TLR 3 ; Tlr3 ; TLR3_HUMAN ; Toll Like Receptor 3 ; Toll-like receptor 3.
Dilution	WB~~1:1000
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

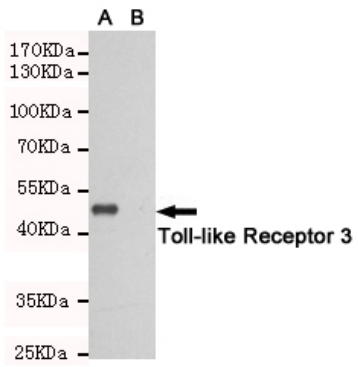
Name	TLR3 (HGNC:11849)
Function	Key component of innate and adaptive immunity. TLRs (Toll- like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-stranded RNA, a sign of viral infection. Acts via the adapter TRIF/TICAM1, leading to NF-kappa-B activation, IRF3 nuclear translocation, cytokine secretion and the inflammatory response.
Cellular Location	Endoplasmic reticulum membrane; Single-pass type I membrane protein. Endosome membrane. Early endosome
Tissue Location	Expressed at high level in placenta and pancreas. Also detected in CD11c+

immature dendritic cells. Only expressed in dendritic cells and not in other leukocytes, including monocyte precursors. TLR3 is the TLR that is expressed most strongly in the brain, especially in astrocytes, glia, and neurons

Background

Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR3 is a nucleotide-sensing TLR which is activated by double-st

Images



Western blot detection of Toll-like Receptor 7 in CHO-K1 cell lysate(B)and CHO-K1 transfected by Toll-like Receptor 3(A)cell lysate using Toll-like Receptor 3 mouse mAb (1:1000 diluted).Predicted band size: 50KDa.Observed band size:50KDa.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.