

Anti-TLR3 Antibody (aa180-385, clone ABM24E5)

Rat Anti Mouse Monoclonal Antibody

Catalog # ALS17349

Product Information

Application	WB, IHC-P, FC
Primary Accession	O15455
Predicted	Human, Mouse
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Names	ABM24E5
Calculated MW	103829
Concentration (mg/ml)	0.5 mg/ml

Additional Information

Gene ID	7098
Alias Symbol	TLR3
Other Names	TLR3, CD283, Toll-like receptor 3, CD283 antigen, IIAE2
Reconstitution & Storage	PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Precautions	Anti-TLR3 Antibody (aa180-385, clone ABM24E5) is for research use only and not for use in diagnostic or therapeutic procedures.

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

Volume

Array

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