

Anti-TLR3 Antibody (aa180-385, clone ABM24E5)
Rat Anti Mouse Monoclonal Antibody
Catalog # ALS17349**Specification**

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

Application	WB, IHC-P, Flo
Primary Accession	O15455
Predicted	Human, Mouse
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b,k
Calculated MW	103829

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

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

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

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

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