TLR7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TLR7, Polyclonal Antibody
Full Product Name	TLR7, CT (Toll-like Receptor 7, UNQ248/PRO285) (MaxLight 550)
Product Gene Name	anti-TLR7 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight550.
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human TLR7.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	1049
Chromosome Location	Chromosome: X; NC_000023.10 (12885202..12908480). Location: Xp22.3
OMIM	300365
3D Structure	ModBase 3D Structure for Q9NYK1
Immunogen	Synthetic peptide selected from the C-terminal region of human TLR7 (KLH).
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-TLR7 antibody	Antibodies; Toll Like Receptors (TLR)
Applications Tested/Suitable for anti-TLR7 antibody	Immunohistochemistry (IHC), FLISA
Application Notes for anti-TLR7 antibody	IHC: 1:50-1:100 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-TLR7 antibody	MBS6503000 is an antibody targeting TLR7. Also known as TLR7, CT (Toll-like Receptor 7, UNQ248/PRO285) (MaxLight 550). Reactive in Human. Host: Rabbit.
Product References and Citations for anti-TLR7 antibody	1. Clark, H.F., et al., Genome Res. 13(10):2265-2270 (2003). 2. Ito, T., et al., J. Exp. Med. 195(11):1507-1512 (2002). 3. Du, X., et al., Eur. Cytokine Netw. 11(3):362-371 (2000). 4. Chuang, T.H., et al., Eur. Cytokine Netw. 11(3):372-378 (2000). 5. Rock, F.L., et al., Proc. Natl. Acad. Sci. USA 95(2):588-593 (1998).
Other Notes	Small volumes of anti-TLR7 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TLR7. It may not necessarily be applicable to this product.

NCBI GI #	7706093
NCBI GeneID	51284
NCBI Accession #	NP_057646.1
UniProt Primary Accession #	Q9NYK1
UniProt Secondary Accession #	Q9NR98; D1CS69
UniProt Related Accession #	Q9NYK1
GenBank Nucleotide #	NM_016562.3
NCBI Official Full Name	toll-like receptor 7
NCBI Official Synonym Full Names	toll-like receptor 7
NCBI Official Symbol	TLR7
NCBI Official Synonym Symbols	TLR7-like
UniProt Protein Name	Toll-like receptor 7
Protein Family	Toll-like receptor
UniProt Gene Name	TLR7
UniProt Entry Name	TLR7_HUMAN
NCBI Protein Information	toll-like receptor 7; toll-like receptor 7-like
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