TLR7 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TLR7, Polyclonal Antibody
Full Product Name	TLR7, CT (Toll-like Receptor 7, UNQ248/PRO285) (FITC)
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 Fluorescein Isothiocyanate (FITC).
Purity/Purification	Purified by Protein G Affinity Chromatography.
Specificity	Recognizes human TLR7.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and 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	FITC
Note	Preservative Free
Special Handling	Light sensitive
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	MBS6502996 is an antibody targeting TLR7. Also known as TLR7, CT (Toll-like Receptor 7, UNQ248/PRO285) (FITC). 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
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/tlr7/6502996