TLR4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TLR4, Polyclonal Antibody
Full Product Name	TLR4 Polyclonal Conjugated Antibody
Product Gene Name	anti-TLR4 antibody
Product Synonym Names	TLR4; Toll-like receptor 4; hToll; CD antigen CD284
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Specificity	TLR4 polyclonal antibody detects endogenous levels of TLR4 protein.
Preparation and Storage	Store at 4 degree C for 6 months.
Molecular Weight	95,680 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (120466453..120479769). Location: 9q33.1
OMIM	603030
3D Structure	ModBase 3D Structure for O00206
Immunogen	Synthesized peptide derived from the Internal region of human TLR4.
Conjugation	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Excitation Emission	AF350: 346nm/442nm
Applications Tested/Suitable for anti-TLR4 antibody	Most Applications
Application Notes for anti-TLR4 antibody	Suggested Dilution: AF350 conjugated: most applications: 1:50-1:250 AF405 conjugated: most applications: 1:50-1:250 AF488 conjugated: most applications: 1:50-1:250 AF555 conjugated: most applications: 1:50-1:250 AF594 conjugated: most applications: 1:50-1:250 AF647 conjugated: most applications: 1:50-1:250 AF680 conjugated: most applications: 1:50-1:250 AF750 conjugated: most applications: 1:50-1:250 Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1:50-1:1000
Related Product Information for anti-TLR4 antibody	MBS9449684 is an antibody targeting TLR4. Also known as TLR4 Polyclonal Conjugated Antibody. Reactive in Human, Mouse. Host: Rabbit.
Other Notes	Small volumes of anti-TLR4 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 TLR4. It may not necessarily be applicable to this product.

NCBI GI #	4507533
NCBI GeneID	7099
NCBI Accession #	NP_003257.1
UniProt Primary Accession #	O00206
UniProt Secondary Accession #	Q5VZI8; Q5VZI9; Q9UK78; Q9UM57; A8K1Y8; A9XLP9; A9XLQ0; A9XLQ1; B4E194
UniProt Related Accession #	O00206
GenBank Nucleotide #	NM_003266.3
NCBI Official Full Name	toll-like receptor 4 isoform C
NCBI Official Synonym Full Names	toll-like receptor 4
NCBI Official Symbol	TLR4
NCBI Official Synonym Symbols	TOLL; CD284; TLR-4; ARMD10
UniProt Protein Name	Toll-like receptor 4
UniProt Synonym Protein Names	hToll
Protein Family	Toll-like receptor
UniProt Gene Name	TLR4
UniProt Entry Name	TLR4_HUMAN
NCBI Protein Information	toll-like receptor 4; hToll; homolog of Drosophila toll
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-mouse-antibody/tlr4/9449684