TLR4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	TLR4, Polyclonal Antibody
Full Product Name	TLR4 Antibody FITC Conjugated
Product Gene Name	anti-TLR4 antibody
Product Synonym Names	LAC; LPH; LPH1; Lactase-phlorizin hydrolase; Lactase-glycosylceramidase; LCT
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Rat
Form/Format	10mM Tris Buffered Saline containing 1% BSA, 50% glycerol and 0.09% sodium azide.
Purity/Purification	Purified by Protein A
Concentration	1mgml (lot specific)
Preparation and Storage	Store at 4 degree C for 12 months.
Molecular Weight	218,587 Da
OMIM	X07994 mRNA
3D Structure	ModBase 3D Structure for P09848
Conjugation	FITC
Excitation Emission	494nm 518nm
Immunogen	KLH conjugated synthetic peptide aa 155-185 839 derived from human TLR4
Product Categories/Family for anti-TLR4 antibody	Conjugated Primary Antibodies
Applications Tested/Suitable for anti-TLR4 antibody	Immunofluorescence (IF)
Application Notes for anti-TLR4 antibody	IF: 1:50-200
Related Product Information for anti-TLR4 antibody	MBS9460910 is an antibody targeting TLR4. Also known as TLR4 Antibody FITC Conjugated. Reactive in Human, Rat. Host: Rabbit. LPH splits lactose in the small intestine.
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 #	32481206
NCBI GeneID	3938

NCBI Accession #	NP_002290.2
UniProt Primary Accession #	P09848
UniProt Secondary Accession #	Q4ZG58
UniProt Related Accession #	P09848
GenBank Nucleotide #	NM_002299.3
NCBI Official Full Name	lactase-phlorizin hydrolase preproprotein
NCBI Official Synonym Full Names	lactase
NCBI Official Symbol	LCT
NCBI Official Synonym Symbols	LAC; LPH; LPH1
UniProt Protein Name	Lactase-phlorizin hydrolase
UniProt Synonym Protein Names	Lactase-glycosylceramidaseIncluding the following 2 domains:Lactase (EC:3.2.1.108)Phlorizin hydrolase (EC:3.2.1.62)
Protein Family	Toll-like receptor
UniProt Gene Name	LCT
UniProt Synonym Gene Names	LPH
NCBI Protein Information	lactase-phlorizin hydrolase
NCBI Summary for TLR4	The protein encoded by this gene belongs to the glycosyl hydrolase 1 family of proteins. The encoded preproprotein is proteolytically processed to generate the mature enzyme. This enzyme is integral to the plasma membrane and has both phlorizin hydrolase activity and lactase activity. Mutations in this gene are associated with congenital lactase deficiency. Polymorphisms in this gene are associated with lactase persistence, in which intestinal lactase activity persists at childhood levels into adulthood. [provided by RefSeq, Jan 2016]
UniProt Comments for TLR4	LPH splits lactose in the small intestine.
Research Articles on TLR4	**1.** In the Portuguese sample of young adults, the lactase -13910C>T polymorphism revealed significant associations with the obesity-related anthropometric variables body mass index, fat mass and weight, and previously observed associations with the obesity risk were also confirmed.
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.