Resistin-Like Molecule, Beta (RETNLB) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Resistin-like Molecule, beta (RETNLB), Polyclonal Antibody
Full Product Name	Anti - Resistin-like Molecule, beta (RELMb)
Product Gene Name	anti-RETNLB antibody
Product Synonym Names	Resistin-like Molecule, beta (RELMb)
Clonality	Polyclonal
Isotype	IgG
Host	Host: Rabbit Source: Mouse
Species Reactivity	Mouse
Form/Format	Affinity Purified Supplied as a liquid in PBS, pH 7.4 and 0.1% sodium azide, 40% glycerol.
Purity/Purification	Affinity purified over the control-peptide Sepharose
Specificity	Mouse sequence is only 42% conserved in human RELM-beta. We recommend the use of antibody that is raised to human RELM-beta sequence. No significant sequence was found with resistin or RELM-alpha. Antibody crossreactivity in various species is not established. We recommend the use of control peptide (use 5-10 ug of peptide per 1 ug of aff pure or 1 ul of antiserum) to demonstrate antibody specificity. Control peptides, because of their small size (< 2kD), are not suitable for Western.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage and to avoid repeated freezing and thawing, aliquot and add glycerol (40-50%). Freeze at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Molecular Weight	11,747 Da
Chromosome Location	Chromosome: 3; NC_000003.11 (108474486..108476130, complement). Location: 3q13.1
3D Structure	ModBase 3D Structure for Q2UXL7
Immunogen	A 14-aa peptide sequence near the N-terminus of Mouse RELM-beta (1) was coupled with KLH (carrier protein)
Product Categories/Family for anti-RETNLB antibody	Abs to Resistin
Applications Tested/Suitable for anti-RETNLB antibody	ELISA, Western Blot
Application Notes for anti-RETNLB antibody	Suitable for use in ELISA, Western Blotting. Other applications not tested. **Dilution:** Western Blotting 1-5ug/ml for affinity pure using Chemiluminescence technique. Resistin is ~9kD. ELISA: 1:10,000-1:100,000 using 50-100ng of control peptide/well. Optimal dilutions to be determined by the researcher.
Related Product Information for anti-RETNLB antibody	MBS611595 is an antibody targeting RETNLB. Also known as Anti - Resistin-like Molecule, beta (RELMb). Reactive in Mouse. Host: Rabbit Source: Mouse.

Product References and Citations for anti-RETNLB antibody	• :1. Steppan CM et al (2001) Nature 409, 307; Steppan CM et al (2001) PNAS 98, 502; Holcomb IN et al (2000) EMBO J. 19, 4046-4055; Kim K-H et al (2001) J. Biol. Chem. 276, 11252-11256 We recommend the use of control peptide (use 5-10 ug of peptide per 1 ug of aff pure or 1 ul of antiserum) to demonstrate antibody specificity. Click here for a general protocol.
Other Notes	Small volumes of anti-RETNLB 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 RETNLB. It may not necessarily be applicable to this product.

NCBI GI #	14211897
NCBI GeneID	84666
NCBI Accession #	NP_115968.1
UniProt Primary Accession #	Q2UXL7
UniProt Related Accession #	Q2UXL7; Q9BQ08
GenBank Nucleotide #	NM_032579.2
NCBI Official Full Name	resistin-like beta
NCBI Official Synonym Full Names	resistin like beta
NCBI Official Symbol	RETNLB
NCBI Official Synonym Symbols	XCP2; FIZZ1; FIZZ2; HXCP2; RELMb; RELMbeta; RELM-beta
UniProt Protein Name	RELM-beta protein
Protein Family	Resistin
UniProt Gene Name	RELM-beta
UniProt Entry Name	Q2UXL7_HUMAN
NCBI Protein Information	resistin-like beta; OTTHUMP00000215152; found in inflammatory zone 1; colon carcinoma-related gene protein; cysteine-rich secreted protein FIZZ2; cysteine-rich secreted A12-alpha-like protein 1; cysteine-rich secreted protein A12-alpha-like 1; colon and small intestine-specific cysteine-rich protein; C/EBP-epsilon regulated myeloid-specific secreted cysteine-rich protein precursor 2
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-mouse-antibody/resistin-like-molecule-beta/611595