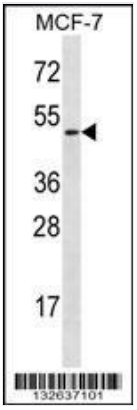
LAD1 Antibody – Rabbit Polyclonal

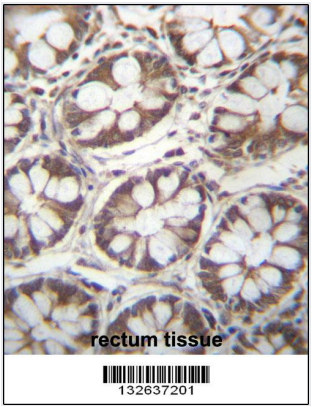
PRODUCT OVERVIEW

Product Name	LAD1, Polyclonal Antibody
Full Product Name	LAD1, NT (LAD1, LAD, Ladinin-1, Linear IgA disease antigen) (APC)
Product Gene Name	anti-LAD1 antibody
Product Synonym Names	LAD1; LAD; Ladinin-1; Linear IgA disease antigen
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 Allophycocyanin (APC).
Purity/Purification	Purified by Protein A Affinity Chromatography.
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: APC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	57,131 Da
OMIM	602314
3D Structure	ModBase 3D Structure for O00515
Immunogen	LAD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 150-180 amino acids from the N-terminal region of human LAD1.
Conjugate	APC
Note	Preservative Free
Special Handling	Light sensitive
Product Categories/Family for anti-LAD1 antibody	Antibodies; Disease Markers
Applications Tested/Suitable for anti-LAD1 antibody	Immunohistochemistry (IHC), FLISA, Western Blot (WB)
Application Notes for anti-LAD1 antibody	IHC: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-LAD1 antibody	The protein encoded by this gene may be an anchoring filament that is a component of basement membranes. It may contribute to the stability of the association of the epithelial layers with the underlying mesenchyme.
Product References and Citations for anti-LAD1 antibody	Kim, J.E., et al. J. Proteome Res. 4(4):1339-1346(2005). Kim, J.E., et al. J. Proteome Res. 4(4):1339-1346(2005). Shimizu, H., et al. J. Invest. Dermatol. 111(5):887-892(1998). Ishiko, A., et al. J. Invest. Dermatol. 111(1):93-96(1998). Motoki, K., et al. Genomics 39(3):323-330(1997).
Other Notes	Small volumes of anti-LAD1 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.

Searchable Terms for LAD1 purchase	MBS6315042 is an antibody targeting LAD1. Also known as LAD1, NT (LAD1, LAD, Ladinin-1, Linear IgA disease antigen) (APC). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-LAD1 antibody
LAD1 Antibody (N-term) western blot analysis in MCF-7 cell line lysates (35ug/lane).This demonstrates the LAD1 antibody detected the LAD1 protein (arrow).



Immunohistochemistry (IHC) of anti-LAD1 antibody
LAD1 Antibody (N-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human rectum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of LAD1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LAD1. It may not necessarily be applicable to this product.

NCBI GI #	20070205
NCBI GeneID	3898
NCBI Accession #	NP_005549.2
UniProt Primary Accession #	O00515
UniProt Secondary Accession #	O95614; Q96GD8
UniProt Related Accession #	O00515
GenBank Nucleotide #	NM_005558.3
NCBI Official Full Name	ladinin-1
NCBI Official Synonym Full Names	ladinin 1
NCBI Official Symbol	LAD1
NCBI Official Synonym Symbols	LadA
UniProt Protein Name	Ladinin-1
UniProt Synonym Protein Names	Linear IgA disease antigen; LADA
Protein Family	Ladinin
UniProt Gene Name	LAD1
UniProt Synonym Gene Names	LAD; Lad-1; LADA
UniProt Entry Name	LAD1_HUMAN
NCBI Protein Information	ladinin-1
Research Articles on LAD1	**1.** Here, we focus on the trSNP in LAD1, a gene that encodes for Ladinin-1, a collagenous anchoring filament protein of basement membrane that is responsible for maintaining cohesion at the dermal-epidermal junction.

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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.

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