MICALCL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	MICALCL, Polyclonal Antibody
Full Product Name	MICALCL, NT (MICALCL, MICAL C-terminal-like protein, ERK2-binding testicular protein 1, Ebitein-1) (MaxLight 550)
Product Gene Name	anti-MICALCL antibody
Product Synonym Names	MICALCL; MICAL C-terminal-like protein; ERK2-binding testicular protein 1; Ebitein-1
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 MaxLight550.
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: MaxLight550 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	77,277 Da
OMIM	612355
3D Structure	ModBase 3D Structure for Q6ZW33
Immunogen	MICALCL antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 134-163 amino acids from the N-terminal region of human MICALCL.
Conjugate	MaxLight550
Note	Preservative Free
Product Categories/Family for anti-MICALCL antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-MICALCL antibody	Western Blot (WB), FLISA
Application Notes for anti-MICALCL antibody	WB: 1:100-500 FLISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-MICALCL antibody	MICALCL may cooperate with MAPK1/ERK2 via an intracellular signal transduction pathway in the morphogenetic development of round spermatids to spermatozoa (By similarity).
Product References and Citations for anti-MICALCL antibody	Rose, J. Phd, et al. Mol. Med. (2010). In press: Terman, J.R., et al. Cell 109(7):887-900(2002).
Other Notes	Small volumes of anti-MICALCL 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 MICALCL purchase	MBS6320741 is an antibody targeting MICALCL. Also known as MICALCL, NT (MICALCL, MICAL C-terminal-like protein, ERK2-binding testicular protein 1, Ebitein-1) (MaxLight 550). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

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

NCBI GI #	118918413
NCBI GeneID	84953
NCBI Accession #	NP_116256.2
UniProt Primary Accession #	Q6ZW33
UniProt Secondary Accession #	Q7RTP7; Q96JU6
UniProt Related Accession #	Q6ZW33
GenBank Nucleotide #	NM_032867.2
NCBI Official Full Name	MICAL C-terminal-like protein
NCBI Official Synonym Full Names	MICAL C-terminal like
NCBI Official Symbol	MICALCL
NCBI Official Synonym Symbols	Ebitein1
UniProt Protein Name	MICAL C-terminal-like protein
UniProt Synonym Protein Names	ERK2-binding testicular protein 1; Ebitein-1
Protein Family	MICAL C-terminal-like protein
UniProt Gene Name	MICALCL
UniProt Entry Name	MICLK_HUMAN
NCBI Protein Information	MICAL C-terminal-like protein; ebitein-1; ERK2-binding testicular protein 1
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.
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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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