CDY2A Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CDY2A, Monoclonal Antibody
Full Product Name	CDY2A (Testis-specific Chromodomain Protein Y 2, CDY2B, CDY2) (MaxLight 750)
Product Gene Name	anti-CDY2A antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2E2
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CDY2A.
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: MaxLight750 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
OMIM	400018
3D Structure	ModBase 3D Structure for Q9Y6F7
Immunogen	Partial recombinant corresponding to aa123-214 from CDY2A (NP_004816) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ASTLSDTKNMEIINSTIETLAPDSPFDHKKTVSGFQKLEKLDPIAADQQDTVVFKVTEGKLLRDPLSHPGAEQTGIQNKTQMHPLMSQMSGS
Conjugate	MaxLight750
Product Categories/Family for anti-CDY2A antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CDY2A antibody	FLISA, Western Blot (WB)
Application Notes for anti-CDY2A antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-CDY2A antibody	MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (759nm); Emission (780nm); Extinction Coefficient 240,000.
Other Notes	Small volumes of anti-CDY2A 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 CDY2A purchase	MBS6232095 is an antibody targeting CDY2A. Also known as CDY2A (Testis-specific Chromodomain Protein Y 2, CDY2B, CDY2) (MaxLight 750). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CDY2A. It may not necessarily be applicable to this product.

NCBI GI #	4757968
NCBI Accession #	NP_004816
UniProt Primary Accession #	Q9Y6F7
GenBank Nucleotide #	NM_004825
NCBI Official Full Name	testis-specific chromodomain protein Y 2
UniProt Protein Name	Testis-specific chromodomain protein Y 2
Protein Family	Testis-specific chromodomain protein
UniProt Gene Name	CDY2A
UniProt Synonym Gene Names	CDY2 **CDY2B**
UniProt Entry Name	CDY2_HUMAN
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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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/cdy2a/6232095