C10ORF78 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	C10orf78, Polyclonal Antibody
Full Product Name	C10orf78, NT (SFR1, C10orf78, MEI5, MEIR5, Swi5-dependent recombination DNA repair protein 1 homolog, Meiosis protein 5 homolog) (MaxLight 650)
Product Gene Name	anti-C10orf78 antibody
Product Synonym Names	SFR1; C10orf78; MEI5; MEIR5; Swi5-dependent recombination DNA repair protein 1 homolog; Meiosis protein 5 homolog
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 MaxLight650.
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: MaxLight650 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	26,735 Da
3D Structure	ModBase 3D Structure for Q86XK3
Immunogen	C10orf78 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human C10orf78.
Conjugate	MaxLight650
Note	Preservative Free
Product Categories/Family for anti-C10orf78 antibody	Antibodies; DNA Replication; Repair
Applications Tested/Suitable for anti-C10orf78 antibody	Flow Cytometry (FC/FACS), FLISA, Western Blot (WB)
Application Notes for anti-C10orf78 antibody	FC/FACS: 1:10-50 FLISA: 1:1,000 WB: 1:100-500 Applications are based on unconjugated antibody.
Related Product Information for anti-C10orf78 antibody	MaxLight650 is a new Far-IR stable dye conjugate comparable to Alexa Fluor647, DyLight649, Cy5 and offers better labeling efficiency, brighter imaging and increased immunodetection. Absorbance (655nm); Emission (676nm); Extinction Coefficient 250,000.
Product References and Citations for anti-C10orf78 antibody	Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006). Deloukas, P., et al. Nature 429(6990):375-381(2004). Gubin, A.N., et al. Genomics 59(2):168-177(1999).
Other Notes	Small volumes of anti-C10orf78 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 C10orf78 purchase	MBS6279437 is an antibody targeting C10orf78. Also known as C10orf78, NT (SFR1, C10orf78, MEI5, MEIR5, Swi5-dependent recombination DNA repair protein 1 homolog, Meiosis protein 5 homolog) (MaxLight 650). Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for C10orf78. It may not necessarily be applicable to this product.

NCBI GI #	50593524
NCBI GeneID	119392
NCBI Accession #	NP_660290.3
NCBI Related Accession #	NP_001002759.1
UniProt Primary Accession #	Q86XK3
UniProt Secondary Accession #	Q5JT39; Q5JT40; Q8WW47; A8K569; B2RTV8
UniProt Related Accession #	Q86XK3
GenBank Nucleotide #	NM_145247.4
NCBI Official Full Name	swi5-dependent recombination DNA repair protein 1 homolog isoform b
NCBI Official Synonym Full Names	SWI5 dependent homologous recombination repair protein 1
NCBI Official Symbol	SFR1
NCBI Official Synonym Symbols	MEI5; MEIR5; C10orf78; bA373N18.1
UniProt Protein Name	Swi5-dependent recombination DNA repair protein 1 homolog
UniProt Synonym Protein Names	Meiosis protein 5 homolog
UniProt Gene Name	SFR1
UniProt Synonym Gene Names	C10orf78; MEI5; MEIR5
UniProt Entry Name	SFR1_HUMAN
NCBI Protein Information	swi5-dependent recombination DNA repair protein 1 homolog
UniProt Comments for C10orf78	SFR1: Component of the SWI5-SFR1 complex, a complex required for double-strand break repair via homologous recombination. Belongs to the SFR1/MEI5 family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 10q25.1 Cellular Component: nucleus Molecular Function: protein binding Biological Process: double-strand break repair via homologous recombination
Research Articles on C10orf78	**1.** SFR1 is a novel transcriptional modulator for ERalpha and a potential target in breast cancer therapy.
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