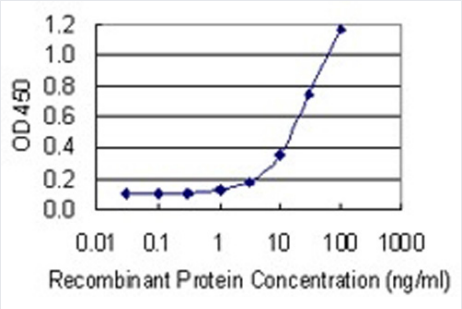
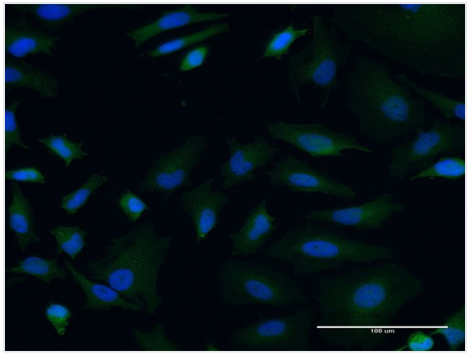
POLRMT Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	POLRMT, Monoclonal Antibody
Full Product Name	POLRMT (DNA-directed RNA Polymerase, Mitochondrial, MtRPOL)
Product Gene Name	anti-POLRMT antibody
Product Synonym Names	Anti -POLRMT (DNA-directed RNA Polymerase, Mitochondrial, MtRPOL)
Immunogen Sequence	PNFIHSLDSS HMMLTALHCY RKGLTFVSVH DCYWTHAADV SVMNQVCREQ FVRLHSEPIL QDLSRFLVKR FCSEPQKILE ASQLKETLQA VPKPGAFDLE QVKRSTYFFS
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3D9
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human POLRMT.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Chromosome Location	chromosome: 7
Immunogen	Partial recombinant corresponding to aa1121-1231 from human POLRMT (NP_005026) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-POLRMT antibody	Antibodies; Abs to Enzymes; Polymerase
Applications Tested/Suitable for anti-POLRMT antibody	ELISA (EL/EIA)
Application Notes for anti-POLRMT antibody	Suitable for use in ELISA.
Related Product Information for anti-POLRMT antibody	DNA-dependent RNA polymerase catalyzes the transcription of mitochondrial DNA into RNA using the four ribonucleoside triphosphates as substrates.
Other Notes	Small volumes of anti-POLRMT 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 POLRMT purchase	MBS649188 is an antibody targeting POLRMT. Also known as POLRMT (DNA-directed RNA Polymerase, Mitochondrial, MtRPOL). Reactive in Human. Host: Mouse.



Testing Data of anti-POLRMT antibody
Detection limit for recombinant GST tagged POLRMT is 0.3ng/ml as a capture antibody.



Immunofluorescence (IF) of anti-POLRMT antibody
Immunofluorescence of MBS649188 (10ug/ml) on HeLa cell.

ADDITIONAL DETAILS

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

NCBI GI #	548475149
NCBI GeneID	102171327
NCBI Accession #	XP_005683340.1
GenBank Nucleotide #	XM_005683283.1
NCBI Official Full Name	DNA-directed RNA polymerase, mitochondrial, partial
NCBI Official Symbol	POLRMT
NCBI Protein Information	polymerase (RNA) mitochondrial (DNA directed)
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Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/polrmt/649188