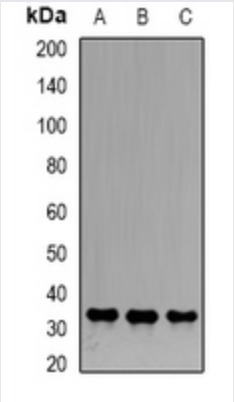
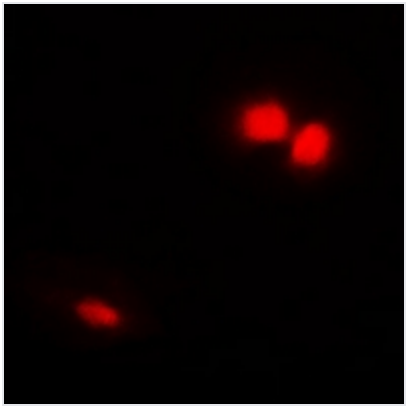
Emerin (EMD) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	Emerin (EMD), Polyclonal Antibody
Full Product Name	Rabbit anti-Emerin Antibody
Product Gene Name	anti-EMD antibody
Product Synonym Names	EDMD; STA; Emerin
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	254
Chromosome Location	Chromosome: X; NC_000023.10 (153607597..153609883). Location: Xq28
OMIM	300384
3D Structure	ModBase 3D Structure for P50402
Immunogen	Recombinant full length protein of human Emerin
Product Categories/Family for anti-EMD antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-EMD antibody	Western Blot (WB), Immunofluorescence (IF), Immunochemistry (IC)
Application Notes for anti-EMD antibody	WB: 1:500-1:2000 IF:IC: 1:20-1:100
Related Product Information for anti-EMD antibody	MBS4510092 is an antibody targeting EMD. Also known as Rabbit anti-Emerin Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.
Other Notes	Small volumes of anti-EMD 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.



Western Blot (WB) of anti-EMD antibody
Western blot analysis of Emerin expression in Hela (A), Jurkat (B), PC3 (C) whole cell lysates.



Immunofluorescence (IF) of anti-EMD antibody
Immunofluorescent analysis of Emerin staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

ADDITIONAL DETAILS

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

NCBI GI #	4557553
NCBI GeneID	2010
NCBI Accession #	NP_000108.1
UniProt Primary Accession #	P50402
UniProt Secondary Accession #	O08579; Q63190
UniProt Related Accession #	P50402
GenBank Nucleotide #	NM_000117.2
NCBI Official Full Name	emerin
NCBI Official Synonym Full Names	emerin
NCBI Official Symbol	EMD
NCBI Official Synonym Symbols	STA; EDMD; LEMD5
UniProt Protein Name	Emerin
Protein Family	Emerin
UniProt Gene Name	EMD
UniProt Synonym Gene Names	EDMD; STA
UniProt Entry Name	EMD_HUMAN
NCBI Protein Information	emerin; LEM domain containing 5
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