

EMD Polyclonal Antibody | anti-EMD antibody

EMD Polyclonal Antibody

CATALOG # AAA37202	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
------------------------------	--	---

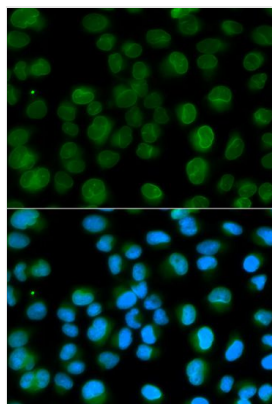
PRODUCT SYNONYMS

EMD; Polyclonal Antibody; EMD Polyclonal Antibody; EDMD; LEMD5; STA; anti-EMD antibody

PRODUCT SPECIFICATIONS

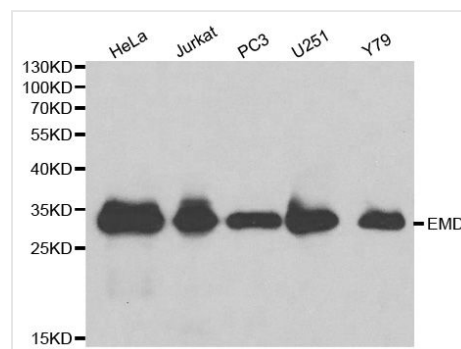
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	254
Applicable Applications for anti-EMD antibody	IF (Immunofluorescence), WB (Western Blot)
Source	Rabbit
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3.
Immunogen	Recombinant Protein of Human EMD
Calculated MW	28kDa
Observed MW	32kDa
Preparation and Storage	Store at -20°C. Avoid freeze/ thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using EMD antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using EMD antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.

ADDITIONAL INFORMATION

Related Product Information for anti-EMD antibody	Emerin is a broadly expressed integral protein of the nuclear inner membrane (1). It contains a LEM domain and binds to several nuclear proteins, such as BAF (barrier-to-autointegration factor) and A- and B-type lamins, which are important in nuclear functions (2-5). Emerin may regulate gene expression through binding to other transcriptional regulators (6,7). Emerin binds to beta-catenin and inhibits its nuclear accumulation (8). Recent studies demonstrate that Emerin is required for HIV-1 infectivity (9). Mutations in Emerin are a major cause of Emery-Dreifuss muscular dystrophy (EDMD), a disorder characterized by progressive skeletal muscle weakening (10).
Product Categories/Family for anti-EMD antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	1706639
NCBI GeneID	2010
UniProt Accession #	P50402; Q6FI02
NCBI Official Full Name	Emerin
NCBI Official Synonym Full Names	emerin
NCBI Official Symbol	EMD
NCBI Official Synonym Symbols	STA; EDMD; LEMD5
NCBI Protein Information	emerin; LEM domain containing 5
UniProt Protein Name	Emerin
UniProt Gene Name	EMD
UniProt Synonym Gene Names	EDMD; STA
UniProt Entry Name	EMD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/emd-antibody-immunofluorescence-western-blot-elisa/37202>