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**Product Name: Emerin Rabbit Monoclonal Antibody****Catalog #: AMRe85536**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC
<b>Reactivity</b>	Human,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.62mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,IHC 1:50-1:100,ICC 1:50-1:200
<b>Molecular Weight</b>	Calculated MW: 29 kDa; Observed MW: 35 kDa

**Antigen Information**

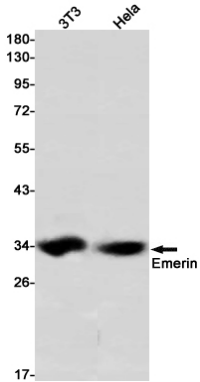
<b>Gene Name</b>	Emerin
<b>Alternative Names</b>	STA; EDMD; LEMD5
<b>Gene ID</b>	2010.0
<b>SwissProt ID</b>	P50402
<b>Immunogen</b>	A synthetic peptide of human Emerin

**Background**

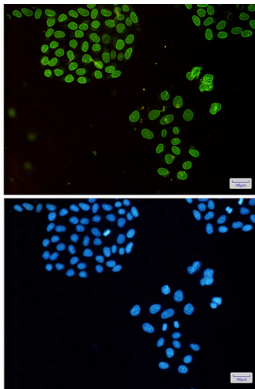
Emerin may regulate gene expression through binding to other transcriptional regulators. Emerin binds to  $\beta$ -catenin and inhibits its nuclear accumulation. Recent studies demonstrate that Emerin is required for HIV-1 infectivity.

## Research Area

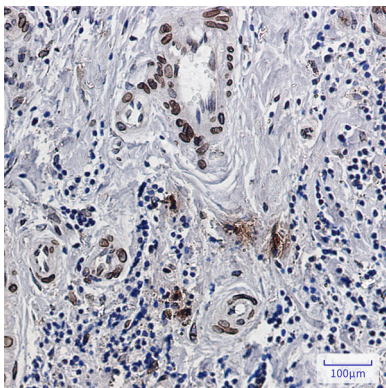
### Image Data



Western blot analysis of Emerin in 3T3, HeLa lysates using Emerin antibody.



Immunocytochemistry analysis of Emerin(green) in HeLa using Emerin antibody, and DAPI(blue)



Immunohistochemistry analysis of paraffin-embedded Human breast cancer using Emerin antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.