Product Datasheet

MRE11A Antibody

Catalog No: #32712

Package Size: #32712-1 50ul #32712-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	MRE11A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MRE11A protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MRE11 (NP_005581.2).
Target Name	MRE11A
Other Names	MRE11;ATLD;HNGS1;MRE11A;MRE11B
Accession No.	Uniprot:P49959GeneID:4361
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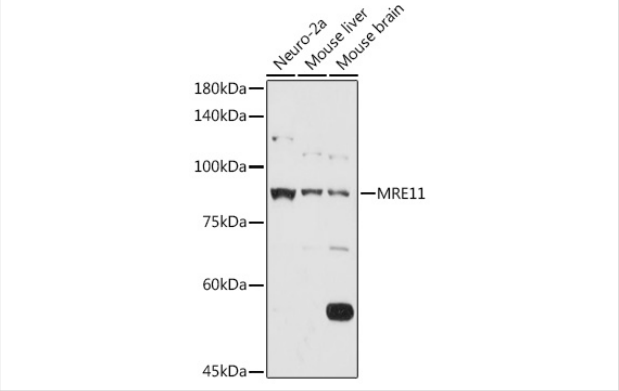
GeneID	4361
SDS-PAGE MW	81KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

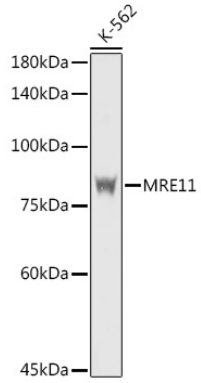
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

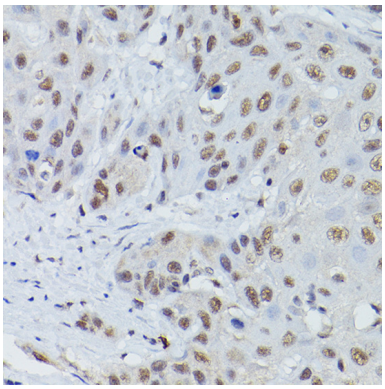
Images



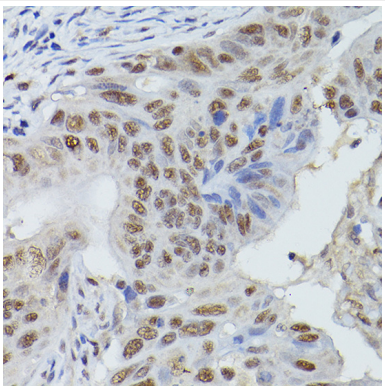
Western blot analysis of extracts of various cell lines, using MRE11 antibody.



Western blot analysis of extracts of K-562 cells, using MRE11 antibody.



Immunohistochemistry of paraffin-embedded human esophageal cancer using MRE11 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human colon carcinoma using MRE11 Rabbit pAb.

Background

This gene encodes a nuclear protein involved in homologous recombination, telomere length maintenance, and DNA double-strand break repair. By itself, the protein has 3' to 5' exonuclease activity and endonuclease activity. The protein forms a complex with the RAD50 homolog; this complex is required for nonhomologous joining of DNA ends and possesses increased single-stranded DNA endonuclease and 3' to 5' exonuclease activities. In conjunction with a DNA ligase, this protein promotes the joining of noncomplementary ends in vitro using short homologies near the ends of the DNA fragments. This gene has a pseudogene on chromosome 3. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

Note: This product is for in vitro research use only