Product Name: **Nibrin Rabbit Monoclonal Antibody**
Catalog #: **AMRe02391**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.65mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200,IP 1:20-1:50
Molecular Weight	Calculated MW: 85 kDa; Observed MW: 95 kDa

Antigen Information

Gene Name	NBN
Alternative Names	NBN; NBS; NBS1; P95; Nibrin; Cell cycle regulatory protein p95; Nijmegen breakage syndrome protein 1
Gene ID	4683
SwissProt ID	O60934
Immunogen	A synthetic peptide corresponding to target protein

Background

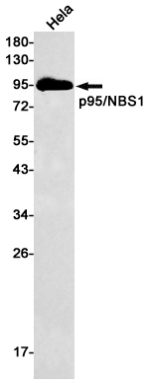
NBS1 is a member of the MRE11/RAD50 double-strand break repair complex. Involved in DNA double-strand break repair and

DNA damage-induced checkpoint activation. Mutation results in the Nijmegen breakage syndrome (NBS), an autosomal recessive chromosomal instability syndrome.

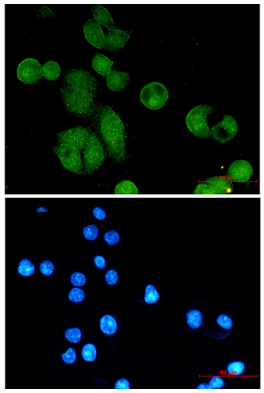
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of p95/NBS1 in Hela lysates using Nibrin antibody.



Immunocytochemistry analysis of p95/NBS1 (green) in MCF-7 using p95/NBS1 antibody,and DAPI(blue)