

## Summary

<b>Production Name</b>	Nibrin Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	NBN
<b>Alternative Names</b>	NBN; NBS; NBS1; P95; Nibrin; Cell cycle regulatory protein p95; Nijmegen breakage syndrome protein 1
<b>Gene ID</b>	4683
<b>SwissProt ID</b>	O60934

## Application

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

**Product Name: Nibrin Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02391**



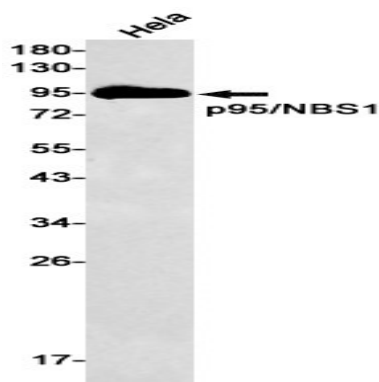
## Background

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.

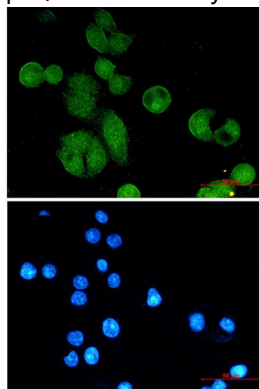
## Research Area

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)

## Note

For research use only.