Product Name: Nibrin Rabbit Monoclonal Antibody
Catalog #: AMRe02391

Summary

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

Performance

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

Immunogen

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.

Application

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

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Background

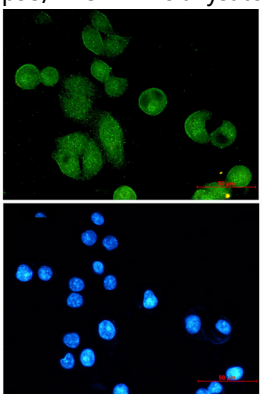
NBS1 is a member of the MRE11/RAD50 double-strand break repair complex. Involved in DNA double-strand break repair and DNA damage-induced checkpoint activation. Mutation results in the Nijmegen breakage syndrome (NBS), an autosomal recessive chromosomal instability syndrome.

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.