

Rev03
Update: Aug,08,2025

DATASHEET

p-p95 NBS1 (S343) Antibody, mAb, Rabbit

Cat. No.: A02650

Overview

Specificity	This product is specific to p-p95 NBS1 (S343)
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human p95 NBS1 around the phosphorylation site of S343
Species Reactivity	Human
Conjugate	Unconjugated

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

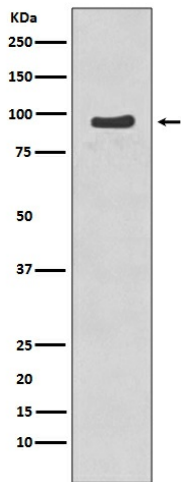
Application	Recommended Usage
Western Blot	1:1000-1:2000
Immunocytochemistry/Immunofluorescence (ICC/IF)	1:50-1:200
Immunoprecipitation (IP)	1:20-1:50

Properties

Form	Liquid
Storage Buffer	Supplied in 10mM phosphate buffered saline , pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed.
Purification	Affinity-chromatography
Isotype	Rabbit IgG

Clonality**Monoclonal**

Examples



Western blot analysis of p95/NBS1 phosphorylation expression in Jurkat cell lysate treated with Etoposide.

Background

Target Background : Component of the MRN complex, which plays a central role in double-strand break (DSB) repair, DNA recombination, maintenance of telomere integrity and meiosis. The MRN complex is involved in the repair of DNA double-strand breaks (DSBs) via homologous recombination (HR), an error-free mechanism which primarily occurs during S and G2 phases.

Synonyms : Cell cycle regulatory protein P95, NBN, NBS, NIBRIN, NIJMEGEN BREAKAGE syndrome protein 1, p95-NBS1

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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