

Name: NBN mouse monoclonal antibody, clone UMAB99
Product Data Sheet - UltraMAB

Catalog: UM800029

Gene Name: Homo sapiens nibrin (NBN)
GeneBank accession: NM_002485
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB99

Gene Synonym: AT-V1; AT-V2; ATV; NBS; NBS1; P95

Validation Data:

Guaranteed Applications: IHC, 10K-CHIP

Western Blot

Suggested Dilutions: IHC 1:100,

Immunogen: Human recombinant protein fragment corresponding to amino acids 461-754 of human NBN (NP_002476) produced in E.coli.

Components:

- NBN mouse monoclonal antibody, clone UMAB99 (UM800029)

Amount:

UM800029 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

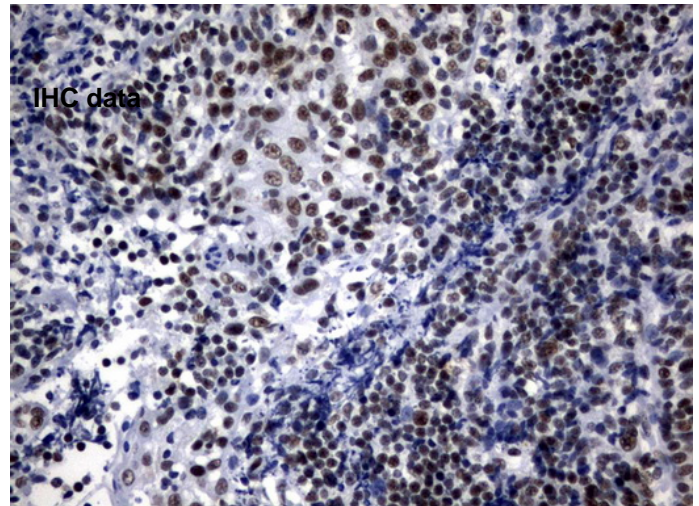
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

Mutations in this gene are associated with Nijmegen breakage syndrome, an autosomal recessive chromosomal instability syndrome characterized by microcephaly, growth retardation, immunodeficiency, and cancer predisposition. The encoded protein is a member of the MRE11/RAD50 double-strand break repair complex which consists of 5 proteins. This gene product is thought to be involved in DNA double-strand break repair and DNA damage-induced checkpoint activation. [provided by RefSeq, Jul 2008].



Immunohistochemical staining of paraffin-embedded Human tonsil using anti-NBN mouse monoclonal antibody. (UM800029)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM800029.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.