

bsm-62925R**[Primary Antibody]**

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NUP50 Recombinant Rabbit mAb

DATASHEET

Host: Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 1C20**GeneID:** 10762**SWISS:** Q9UKX7**Target:** NUP50**Immunogen:** A synthesized peptide derived from human NUP50: 20-75.**Purification:** affinity purified by Protein A

Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.

Background: Component of the nuclear pore complex that has a direct role in nuclear protein import. Actively displaces NLSs from importin- α , and facilitates disassembly of the importin- α :beta-cargo complex and importin recycling. Interacts with regulatory proteins of cell cycle progression including CDKN1B.

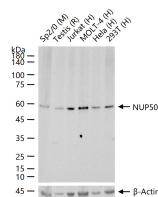
Applications: WB (1:500-1:2000)
IHC-P (1:100-1:500)
IHC-F (1:100-1:500)
IF (1:100-1:500)
ICC/IF (1:50-1:200)

Reactivity: Human, Mouse, Rat

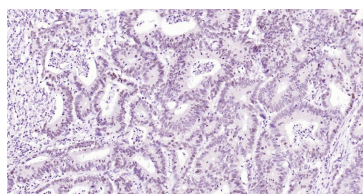
**Predicted
MW.:** 50

**Subcellular
Location:** Cell membrane ,Nucleus

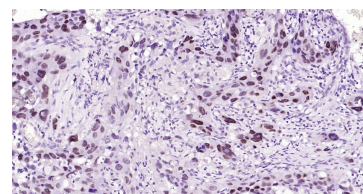
VALIDATION IMAGES



25 ug total protein per lane of various lysates (see on figure) probed with NUP50 monoclonal antibody, unconjugated (bsm-62925R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NUP50 Monoclonal Antibody, Unconjugated(bsm-62925R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with NUP50 Monoclonal Antibody, Unconjugated(bsm-62925R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.