

## Ubiquitin Rabbit monoclonal antibody

Catalog: BS9922M

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

Ubiquitin (Ub) is among the most phylogenetically conserved proteins known. The primary function of ubiquitin is to clear abnormal, foreign and improperly folded proteins by targeting them for degradation by the 26S proteasome. This small, 76 amino acid protein can be covalently attached to cellular proteins via an isopeptide linkage between the carboxy terminal group of ubiquitin and lysine amino groups on the acceptor protein. For proteolysis to occur, ubiquitin oligomers must be assembled. Ubiquitin chains on proteolytic substrates are commonly found to have an isopeptide bridge between Lysine 48 of one ubiquitin molecule and the carboxy-terminus of a neighboring ubiquitin molecule.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ \*8 kDa or Uncertain

### Swiss-Prot:

P0CG47/P0CG48/P62979/P62987

### Purification&Purity:

Protein A affinity purified

### Applications:

WB: 1:1000-1:2000

ICC: 1:50-1:200

IHC: 1:200-1:500

FC: 1:50-1:100

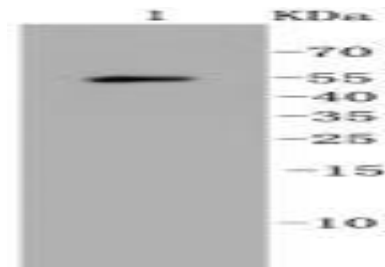
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

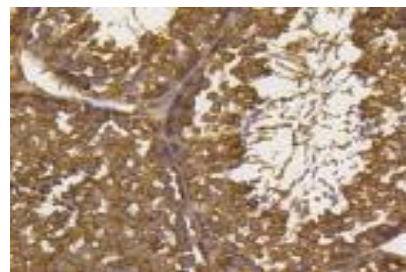
This antibody detects ubiquitin, polyubiquitin and ubiquitinated proteins.

### DATA:

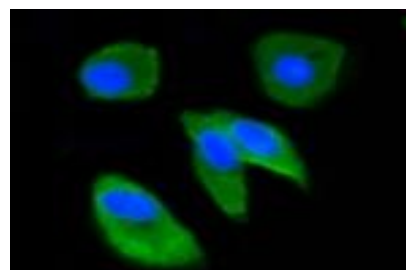


Western blot (WB) analysis of Ubiquitin Rabbit mAb at 1:1000 dilution

Lane1: The heart tissue lysate of Mouse



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-Ubiquitin antibody. Counter stained with hematoxylin.



ICC staining Ubiquitin in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton \*100/PBS.

### Note:

For research use only, not for use in diagnostic procedure.

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