

## Rbx1 monoclonal antibody

Catalog: MB67050

Host: Mouse

Reactivity: Human, Mouse

### BackGround:

RING-box protein 1 (RBX1 or ROC1) is an essential component of two distinct but structurally related E3 ubiquitin ligase complexes, the SCF complex and the CBC (VHL) complex. RBX1 mediates the neddylation of CUL1, which activates SCF E3 ligase by facilitating the ubiquitin transfer from E2 to substrates. The RING finger domain of RBX1 is required for ubiquitin ligation. Two evolutionarily conserved mammalian RBX family members, RBX1/ROC1 and RBX2/ROC2/SAG, have been identified. RBX1 is constitutively expressed and binds to CUL2/VHL, while stress-inducible RBX2 binds to CUL5/SOCS.

### Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

### Molecular Weight:

~ 13 kDa

### Swiss-Prot:

P62877

### Purification&Purity:

This antibody is purified through a protein G column.

### Applications:

WB (1/500 - 1/1000)

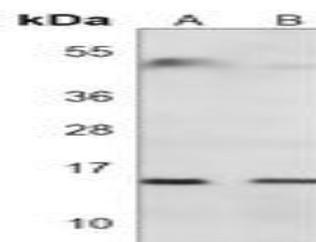
### Storage&Stability:

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

### Specificity:

Recognizes endogenous levels of Rbx1 protein.

### DATA:



Western blot analysis of Rbx1 expression in HeLa (A), NIH3T3 (B) whole cell lysates.

### Note:

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

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