

## MSY2 monoclonal antibody

Catalog: MB9371

Host: Mouse

Reactivity: Human, Mouse, Rat

### BackGround:

Major constituent of messenger ribonucleoprotein particles (mRNPs). Involved in the regulation of the stability and/or translation of germ cell mRNAs. Binds to Y-box consensus promoter element. Binds to full-length mRNA with high affinity in a sequence-independent manner. Binds to short RNA sequences containing the consensus site 5'-UCCAUCA-3' with low affinity and limited sequence specificity. Its binding with maternal mRNAs is necessary for its cytoplasmic retention. May mark specific mRNAs (those transcribed from Y-box promoters) in the nucleus for cytoplasmic storage, thereby linking transcription and mRNA storage/translational delay.

### Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

38.5 kDa

### Swiss-Prot:

Q9Y2T7(Human) P62960(Mouse) P62961(Rat)

### Purification&Purity:

ProG affinity purified

### Applications:

WB:1:500-1:2,000

IHC:1:50-1:200

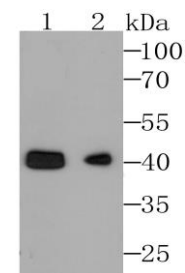
### Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C or -80 °C. Avoid repeated freeze / thaw cycles.

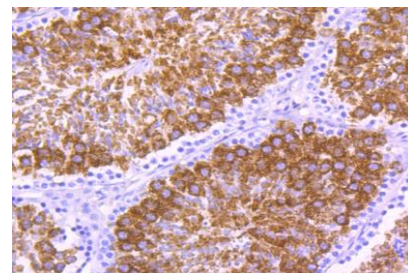
### Specificity:

MSY2 monoclonal antibody detects endogenous levels of MSY2 protein.

### DATA:



Western blot analysis of MSY2 on MCF-7 cell (1) and mouse testis tissue lysate using anti-MSY2 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-MSY2 antibody. Counter stained with hematoxylin.

### Note:

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

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