

V5-tag monoclonal antibody

Catalog: MB8023

Host: Mouse

Reactivity: Transfected

BackGround:

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation and immunostaining techniques. Due to their small size, they are unlikely to affect the tagged protein's biochemical properties.

Product:

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

Molecular Weight:

~ 95 kDa

Swiss-Prot:

N/A

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:5000~1:20000

IP: 1:100~1:1000

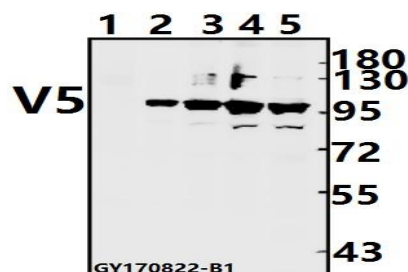
Storage&Stability:

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

Specificity:

V5 mAb detects endogenous levels of V5 protein.

DATA:



Western blot (WB) analysis of V5 mAb at 1:5000 dilution

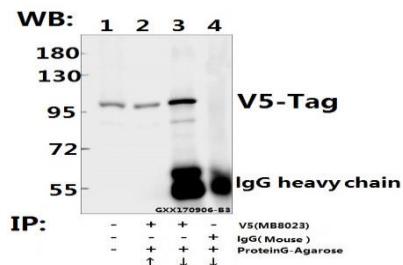
Lane1:HEK293T whole cell lysate(40ug)

Lane2:HEK293T transfected with pcDNA3.1-MCM5-V5-His (48h) whole cell lysate(10ug)

Lane3:HEK293T transfected with pcDNA3.1-MCM5-V5-His (48h) whole cell lysate(20ug)

Lane4:HEK293T transfected with pcDNA3.1-MCM5-V5-His (48h) whole cell lysate(30ug)

Lane5:HEK293T transfected with pcDNA3.1-MCM5-V5-His (48h) whole cell lysate(40ug)



Immunoprecipitation of HEK293T transfected with

pcDNA3.1-MCM5-V5-His (48h) whole cell lysate using V5 mAb

(Sepharose Bead Conjugate) #BD0047(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0047 (lane

4) .Lane 1 is 20% input. The western blot was probed using V5 mAb

#MB8023. “↑” (supernatant) ; “↓” (deposition)

Note:

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

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