

Mouse Proinsulin (1A3-5) monoclonal antibody

Catalog: MB67284

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

Insulin decreases blood glucose concentration. It increases cell permeability to monosaccharides, amino acids and fatty acids. It accelerates glycolysis, the pentose phosphate cycle, and glycogen synthesis in liver.

Product:

PBS, pH7.2

Molecular Weight:

~ 12 kDa

Swiss-Prot:

P01325; P01326

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: 1:1000~1:2000

IHC: 1:200~1:1000

IF/ICC: 1:200

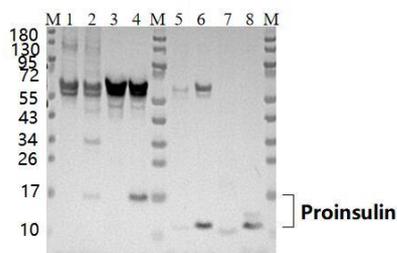
IP: 1:125~1:250

Storage&Stability:

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

Specificity:

Mouse Proinsulin (1A3-5) monoclonal antibody detects endogenous levels of proinsulin protein.

DATA:

Western blot (WB) analysis of Mouse Proinsulin (1A3-5) monoclonal

antibody at 1:1000 dilution

Lane1:HEK293T whole cell lysate,transfected with pCDNA3.1 (non-reduced)

Lane2:HEK293T whole cell lysate,transfected with human proinsulin-myc-flag (non-reduced)

Lane3:HEK293T whole cell lysate,transfected with pCDNA3.1 (reduced)

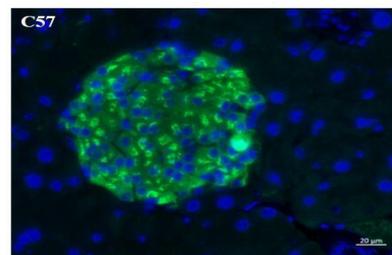
Lane4:HEK293T whole cell lysate,transfected with human proinsulin-myc-flag (reduced)

Lane5:INS1 whole cell lysate (non-reduced)

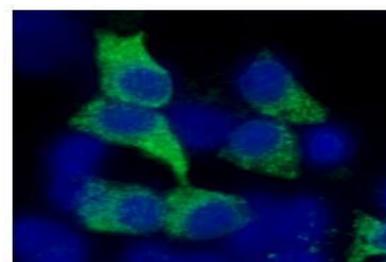
Lane6:INS1 whole cell lysate (reduced)

Lane7:Min6 whole cell lysate (non-reduced)

Lane8:Min6 whole cell lysate (reduced)



Immunohistochemical analysis of Mouse Proinsulin (1A3-5) staining in Mouse pancreas tissue section.



Immunofluorescent analysis of Mouse Proinsulin (1A3-5) staining in Min6 cells.

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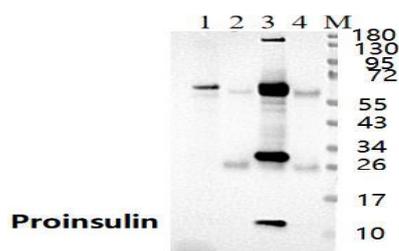
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Western blot (WB) analysis of Mouse Proinsulin (1A3-5) monoclonal

antibody at 1:125 dilution

Lane1:INS1 whole cell lysate

Lane2:Immunoprecipitation of IgG

Lane3:Immunoprecipitation of Mouse Proinsulin (1A3-5) monoclonal antibody

Lane4:Immunoprecipitation of Proinsulin (161-1) antibody

Note:

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

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