

Human Proinsulin (3L10) monoclonal antibody

Catalog: MB67283

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:

P01308

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: 1:500~1:1000

IF/ICC: 1:200

IP: 1:250

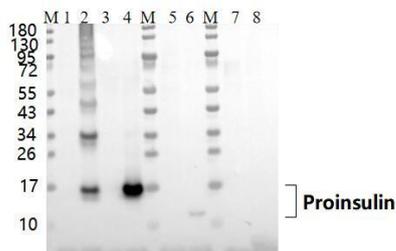
Storage&Stability:

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

Specificity:

Human Proinsulin (3L10) monoclonal antibody detects endogenous levels of proinsulin protein.

DATA:



Western blot (WB) analysis of Human Proinsulin (3L10) 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)

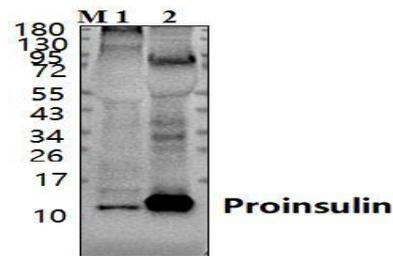
Lane4:HEK293T whole cell lysate,transfected with human proinsulin-myc-flag (reduced)

Lane5:INS1 whole cell lysate (non-reduced)

Lane6:INS1 whole cell lysate (reduced)

Lane7:Min6 whole cell lysate (non-reduced)

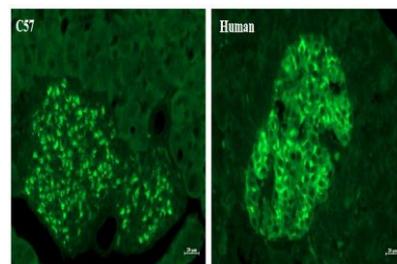
Lane8:Min6 whole cell lysate (reduced)



Western blot (WB) analysis of Human Proinsulin (3L10) monoclonal antibody at 1:1000 dilution

Lane1:Supernatant secreted by human insulinoma cells (non-reduced)

Lane2:Supernatant secreted by human insulinoma cells (reduced)



Immunohistochemical analysis of Human Proinsulin (3L10) staining in Mouse pancreas and human pancreas tissue section.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

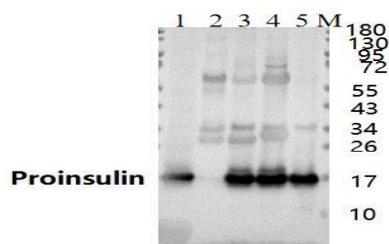
Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151



Western blot (WB) analysis of Human Proinsulin (3L10) monoclonal antibody at 1:250 dilution

Lane1:HEK293T whole cell lysate,transfected with human proinsulin-myc-flag

Lane2:Immunoprecipitation of IgG

Lane3:Immunoprecipitation of Human Proinsulin (1B24) monoclonal antibody

Lane4:Immunoprecipitation of Human Proinsulin (3L10) monoclonal

antibody

Lane5:Immunoprecipitation of Proinsulin (160-2) antibody

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

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