

Insulin Mouse Monoclonal Ab

[Images\(2\)](#)

| | | |
|---------------|-----------------|-----------------------|
| Cat.#: BF8042 | Concn.: ~1mg/ml | Mol.Wt.: 11 kDa |
| Size: 100ul | Source: Mouse | Clonality: Monoclonal |

Application: IF/ICC 1:100-1:500, WB 1:500-1:2000, IHC 1:50-1:200
*The optimal dilutions should be determined by the end user.

Reactivity: Human,Mouse,Rat

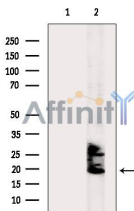
Storage: Mouse IgG1 in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.

Purification: Affinity-chromatography.

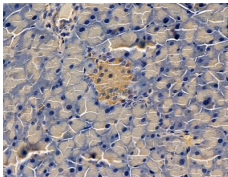
Immunogen: A synthesized peptide derived from human Insulin, corresponding to a region within the internal amino acids.

Uniprot: P01308

Description: 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.



Western blot analysis of extracts from rat spleen tissue, using Insulin Mouse Monoclonal Ab. The lane on the left was treated with blocking-peptides.



BF8042 at 1/100 staining mouse spleen tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Mouse Ab was used as the secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.



Affinity Biosciences
website: www.affbiotech.com
order: order@affbiotech.com

procedures. Not for resale without express authorization.