

Insulin Antibody (clone D3E7)
Mouse Monoclonal Antibody
Catalog # ALS14233**Specification**

Insulin Antibody (clone D3E7) - Product Information

Application	IHC
Primary Accession	P01308
Reactivity	Human, Mouse, Rat, Pig, Bovine
Host	Mouse
Clonality	Monoclonal
Calculated MW	12kDa KDa

Insulin Antibody (clone D3E7) - Additional Information**Gene ID** 3630**Other Names**

Insulin, Insulin B chain, Insulin A chain, INS

Target/Specificity

human, bovine and porcine insulin and proinsulin

Reconstitution & Storage

+4°C, avoid freezing

Precautions

Insulin Antibody (clone D3E7) is for research use only and not for use in diagnostic or therapeutic procedures.

Insulin Antibody (clone D3E7) - Protein Information**Name** INS**Function**

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.

Cellular Location

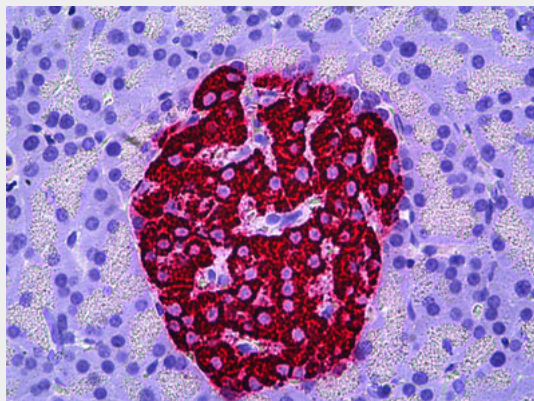
Secreted.

Insulin Antibody (clone D3E7) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Insulin Antibody (clone D3E7) - Images



Anti-Insulin antibody IHC of human pancreas, islets of Langerhans.

Insulin Antibody (clone D3E7) - Background

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Insulin Antibody (clone D3E7) - References

Bell G.I.,et al.Nature 284:26-32(1980).
Ullrich A.,et al.Science 209:612-615(1980).
Bell G.I.,et al.Nature 282:525-527(1979).
Sures I.,et al.Science 208:57-59(1980).
Lucassen A.M.,et al.Nat. Genet. 4:305-310(1993).