

Insulin Antibody (clone 8E2, HRP)
Mouse Monoclonal Antibody
Catalog # ALS12255**Specification**

Insulin Antibody (clone 8E2, HRP) - Product Information

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

Insulin Antibody (clone 8E2, HRP) - Additional Information**Gene ID** 3630**Other Names**

Insulin, Insulin B chain, Insulin A chain, INS

Target/Specificity

Recognizes human Insulin. Species cross-reactivity: human proinsulin, bovine insulin (30%) and porcine insulin. Does not cross-react with free C-peptide.

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze-thaw cycles and prolonged exposure to light.

Precautions

Insulin Antibody (clone 8E2, HRP) is for research use only and not for use in diagnostic or therapeutic procedures.

Insulin Antibody (clone 8E2, HRP) - 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

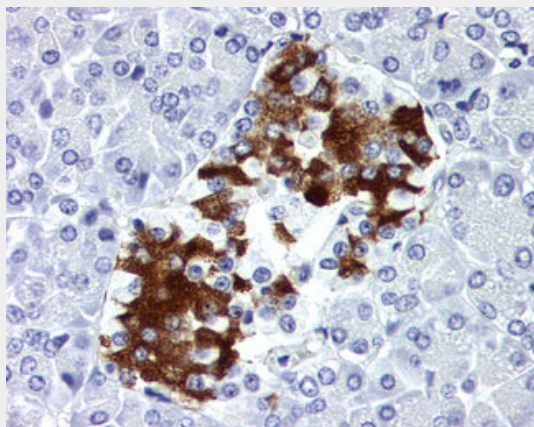
Secreted.

Insulin Antibody (clone 8E2, HRP) - 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 8E2, HRP) - Images



Anti-Insulin antibody IHC of human pancreas.

Insulin Antibody (clone 8E2, HRP) - Background

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Insulin Antibody (clone 8E2, HRP) - 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).