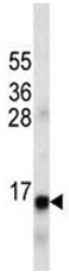
Insulin Antibody 396CT20.4.4 / Mouse Monoclonal [clone 396CT20.4.4] (F53596)

Catalog No.	Formulation	Size
F53596-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM
Clone Name	396CT20.4.4
Purity	Ascites
UniProt	P01308
Applications	Western blot: 1:1000-1:8000
Limitations	This Insulin antibody is available for research use only.



Insulin antibody western blot analysis in human CEM cell lysate.

Description

After removal of the precursor signal peptide, proinsulin is post-translationally cleaved into three peptides: the B chain and A chain peptides, which are covalently linked via two disulfide bonds to form insulin, and C-peptide. Binding of insulin to the insulin receptor (INSR) stimulates glucose uptake. A multitude of mutant alleles with phenotypic effects have been identified. There is a read-through gene, INS-IGF2, which overlaps with this gene at the 5' region and with the IGF2 gene at the 3' region. Alternative splicing results in multiple transcript variants. [provided by RefSeq].

For a highly published insulin monoclonal with an alternate INS05 clone designation, see our Insulin Antibody 2D11-H5 / INS05 Antibody page.

Application Notes

Titration of the Insulin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 35-64 from the human protein was used as the immunogen for this Insulin antibody.

Storage

Aliquot the Insulin antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.