

# Product Datasheet

## Insulin Antibody (IRDN/1980R) [DyLight 550] NBP3-08836R

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-08836R**

## Insulin Antibody (IRDN/1980R) [DyLight 550]

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	IRDN/1980R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	DyLight 550
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	50mM Sodium Borate

**Product Description**

<b>Host</b>	Rabbit
<b>Gene ID</b>	3630
<b>Gene Symbol</b>	INS
<b>Species</b>	Human, Mouse, Porcine, Bovine, Rabbit
<b>Marker</b>	beta-Cell & Insulinoma Marker
<b>Specificity/Sensitivity</b>	Recognizes a polypeptide which is identified as insulin, a 51-amino acid polypeptide composed of A and B chains connected through the C-peptide. Proinsulin, which has very little biological activity, is cleaved by proteases within its cell of origin into the insulin molecule and the C-terminal basic residue. Insulin enhances membrane transport of glucose, amino acids, and certain ions. It also promotes glycogen storage, formation of triglycerides, and synthesis of proteins and nucleic acids. Deficiency of insulin results in diabetes mellitus. The main storage site for insulin is the pancreatic islets. Antibodies to insulin are important as beta-cell and insulinoma marker.
<b>Immunogen</b>	Recombinant human full-length Insulin protein (IRDN) (Uniprot: P01308)
<b>Notes</b>	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

**Product Application Details**

<b>Applications</b>	Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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## Products Related to NBP3-08836R

NBP2-24891R	Rabbit IgG Isotype Control [DyLight 550]
NBP1-87485PEP	Insulin Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
DINS00	Insulin [HRP]

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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