Product Datasheet

Insulin Antibody (E2-E3 (same as INS04)) [DyLight 488] NBP2-34611G

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

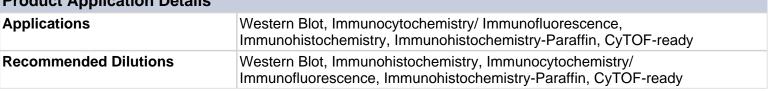
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NBP2-34611G

Insulin Antibody (E2-E3 (same as INS04)) [DyLight 488]	
Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	E2-E3 (same as INS04)
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	DyLight 488
Purity	Protein A or G purified
Buffer	50mM Sodium Borate
Product Description	
Description	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.
Host	Mouse
Gene ID	3630
Gene Symbol	INS
Species	Human, Mouse, Porcine, Bovine, Rabbit
Marker	beta-Cell & Insulinoma Marker
Specificity/Sensitivity	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.
Immunogen	Purified pig insulin, conjugated to KLH (Uniprot: P01308)
Notes	DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
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Products Related to NBP2-34611G

NBP1-43319G-0.5ml Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1) [DyLight 488]

NBP1-87485PEP Insulin Recombinant Protein Antigen

236-EG-200 EGF [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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