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Certificate of Analysis and Data Sheet

Mouse Anti Human Proinsulin
With HRP-conjugated Secondary Antibody

Catalog No.	Target Species	Isotype
DS-MB-02154	Human	IgG1

Preparation

Immunogen: Synthetic human proinsulin
Purification: Purified IgG prepared by affinity chromatography on Protein A.

Specificity

DS-MB-02154 is specific for human proinsulin and shows no reactivity with bovine or porcine proinsulin and bovine, porcine or human insulin. This antibody recognizes an epitope within the linkage site of C-peptide to the C-terminus of the Insulin B-Chain.

Formulation

Product Form: Purified IgG - liquid
Buffer Solution: Phosphate buffered saline, pH 7.2
Preservative & Stabilizers: 0.09% Sodium Azide (NaN_3)
Approx. Protein Concentrations: IgG concentration 1.0 mg/ml
Affinity: 1×10^8 L/mol

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life: 18 months from date of shipment.

Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Western Blotting			•	
Flow Cytometry			•	
IHC			•	
ELISA	•			

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000