

Anti-Insulin antibody [IN-05] - Low endotoxin, Azide free ab46707

5 References

製品の概要

製品名	Anti-Insulin antibody [IN-05] - Low endotoxin, Azide free
製品の詳細	Mouse monoclonal [IN-05] to Insulin - Low endotoxin, Azide free
由来種	Mouse
特異性	The antibody blocks binding of insulin to the receptor.
アプリケーション	適用あり: ELISA, IHC-P, ICC/IF, Functional Studies, RIA
種交差性	交差種: Cow, Human, Pig
免疫原	Full length protein corresponding to Pig Insulin. Full Length Native Protein Porcine insulin
特記事項	<p>This product was changed from ascites to tissue culture supernatant. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
バッファー	pH: 7.40 Constituent: 100% PBS
キャリア・フリー	はい
精製度	Protein A purified
特記事項 (精製)	Purified from TCS. Purity >95% by SDS-PAGE. Preserved by filter sterilization.
ポリ/モノ	モノクローナル
クローン名	IN-05

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab46707の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.
ICC/IF		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration. Blocks the binding of insulin to the receptor.
RIA		Use at an assay dependent concentration.

ターゲット情報

機能	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.
関連疾患	<p>Defects in INS are the cause of familial hyperproinsulinemia (FHPRI) [MIM:176730].</p> <p>Defects in INS are a cause of diabetes mellitus insulin-dependent type 2 (IDDM2) [MIM:125852]. IDDM2 is a multifactorial disorder of glucose homeostasis that is characterized by susceptibility to ketoacidosis in the absence of insulin therapy. Clinical fetaures are polydipsia, polyphagia and polyuria which result from hyperglycemia-induced osmotic diuresis and secondary thirst. These derangements result in long-term complications that affect the eyes, kidneys, nerves, and blood vessels.</p> <p>Defects in INS are a cause of diabetes mellitus permanent neonatal (PNDM) [MIM:606176]. PNDM is a rare form of diabetes distinct from childhood-onset autoimmune diabetes mellitus type 1. It is characterized by insulin-requiring hyperglycemia that is diagnosed within the first months of life. Permanent neonatal diabetes requires lifelong therapy.</p> <p>Defects in INS are a cause of maturity-onset diabetes of the young type 10 (MODY10) [MIM:613370]. MODY10 is a form of diabetes that is characterized by an autosomal dominant mode of inheritance, onset in childhood or early adulthood (usually before 25 years of age), a primary defect in insulin secretion and frequent insulin-independence at the beginning of the disease.</p>
配列類似性	Belongs to the insulin family.
細胞内局在	Secreted.

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