



[Go to Product page](#)

Datasheet for ABIN7427843
anti-Insulin Receptor antibody

6 Images

Overview

Quantity:	100 µL
Target:	Insulin Receptor (INSR)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Insulin Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Insulin Receptor (INSR)
Immunogen:	Recombinant Insulin Receptor (INSR)
Clone:	C19
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against INSR. It has been selected for its ability to recognize INSR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

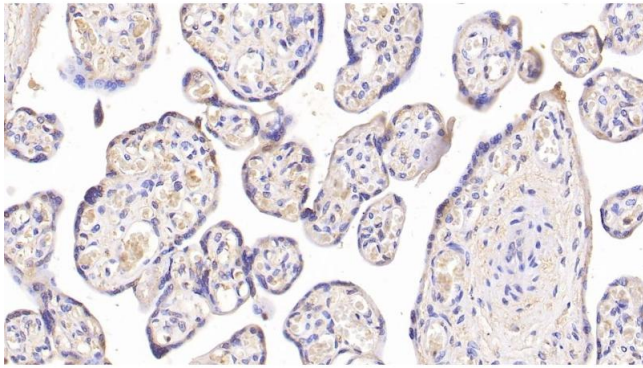
Target:	Insulin Receptor (INSR)
Alternative Name:	Insulin Receptor (INSR Products)
Background:	CD220, ISR, HHF5, IR
Pathways:	NF-kappaB Signaling , RTK Signaling , AMPK Signaling , Carbohydrate Homeostasis , Regulation of Cell Size , Regulation of Carbohydrate Metabolic Process , Growth Factor Binding , Negative Regulation of Transporter Activity

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

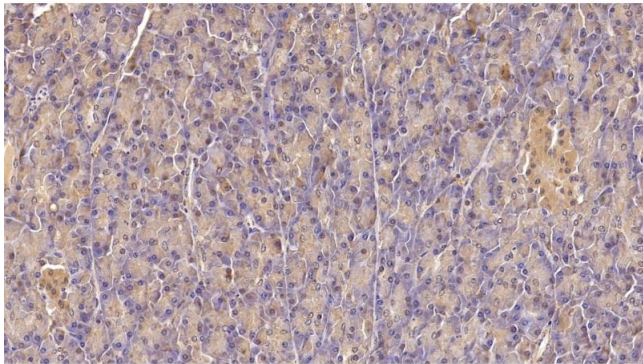
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



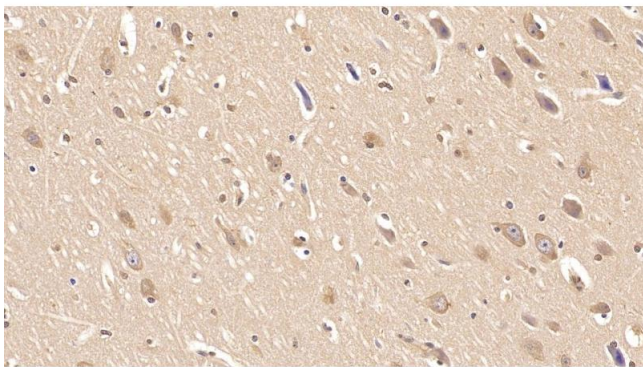
Immunohistochemistry

Image 1. Detection of INSR in Human Placenta Tissue using Monoclonal Antibody to Insulin Receptor (INSR)



Immunohistochemistry

Image 2. Detection of INSR in Human Pancreas Tissue using Monoclonal Antibody to Insulin Receptor (INSR)



Immunohistochemistry

Image 3. Detection of INSR in Human Cerebrum Tissue using Monoclonal Antibody to Insulin Receptor (INSR)

Please check the [product details page](#) for more images. Overall 6 images are available for ABIN7427843.