Mouse Anti-Human INSR Monoclonal Antibody, clone JS 94-33 [Functional Grade] (CABT-Z471M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Human IM-9 lymphocytes.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	JS 94-33
Purification	Protein G purified
Conjugate	Functional Grade
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	1 mg
Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. Endotoxin Level<0.002 EU/µg by the LAL method.
Preservative	None
Storage	Store at the stock concentration at 4°C. Do not freeze.

Ship	Wet ice

BACKGROUND

Introduction	Human CD220, also known as insulin receptor. CD220 is a type I transmembrane receptor tyrosine kinase which, upon binding to insulin, initiates several cellular effects, including glucose uptake, cell growth, differentiation, and apoptosis. These effects primarily occur in skeletal muscle, fat, and the liver. Neuronal CD220 signaling has been shown to have an important role in energy homeostasis, reproduction, and the development of neurodegenerative diseases.
Keywords	CD220;HHF5;HIR A;INSR;Insulin receptor;Insulin receptor subunit alpha

GENE INFORMATION

Gene Name	INSR
Entrez Gene ID	3643
UniProt ID	P06213