Anti-INSR antibody

Cat. No.	ml163040
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-INSR rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human INSR
Reactivity	Human, Mouse, Rat
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	INSR
Full name	insulin receptor
Synonyms	HHF5; CD220
Swissprot	P06213

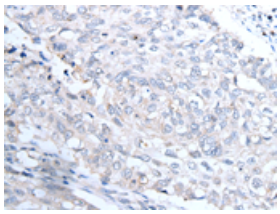
Target Background

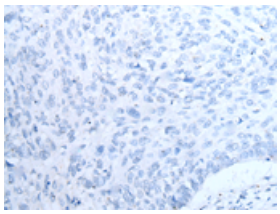
This gene encodes a member of the receptor tyrosine kinase family of proteins. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form a heterotetrameric receptor. Binding of insulin or other ligands to this receptor activates the insulin signaling pathway, which regulates glucose uptake and release, as well as the synthesis and storage of carbohydrates, lipids and protein. Mutations in this gene underlie the inherited severe insulin resistance syndromes including type A insulin resistance syndrome, Donohue syndrome and Rabson-Mendenhall syndrome. Alternative splicing results in multiple transcript variants.

Applications

Immunohistochemistry

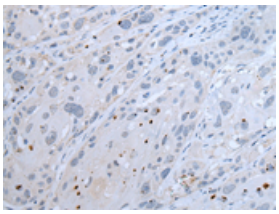
Predicted cell location: Cytoplasm
Positive control: Human lung cancer
Recommended dilution: 20-100

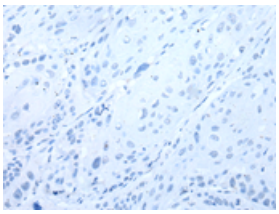




The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml163040(INSR Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

Predicted cell location: Cytoplasm
Positive control: Human esophagus cancer
Recommended dilution: 20-100





The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml163040(INSR Antibody) at dilution 1/25, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 5000-10000

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