Anti-IRS2 antibody

Cat. No.	ml260523
Package	25 μl/100 μl/200 μl
Storage	-20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

Product overview

Description	Anti-IRS2 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Synthetic peptide of human IRS2
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	IRS2
Full name	insulin receptor substrate 2
Synonyms	IRS-2
Swissprot	Q9Y4H2

Target Background

This gene encodes the insulin receptor substrate 2, a cytoplasmic signaling molecule that mediates effects of insulin, insulin-like growth factor 1, and other cytokines by acting as a molecular adaptor between diverse receptor tyrosine kinases and downstream effectors. The product of this gene is phosphorylated by the insulin receptor tyrosine kinase upon receptor stimulation, as well as by an interleukin 4 receptor-associated kinase in response to IL4 treatment.
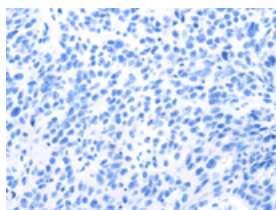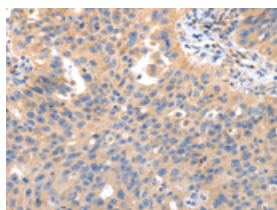
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human ovarian cancer

Recommended dilution: 50-200

Predicted cell location: Cytoplasm

Positive control: Human liver cancer
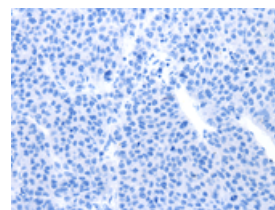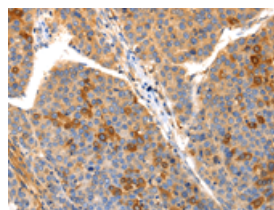
Recommended dilution: 50-200

The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml260523(IRS2 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml260523(IRS2 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-10000