

Anti-IRS2 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015279

Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	57F11H86
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human IRS2
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-IRS2 Rabbit mAb [57F11H86] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Insulin receptor substrate 2; IRS 2; IRS 2; Irs2; IRS2 HUMAN.
Calculated MW	Calculated MW: 137 kDa; Observed MW: 185 kDa
Uniprot ID	Q9Y4H2
Gene ID	8660
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. [provided by RefSeq, Jul 2008]
Cellular Location	Cytoplasm > cytosol.



Western Blot - Anti-IRS2 Rabbit mAb [57F11H86]

All lanes: R015279 at 1:1,000 dilution

Lane 1: A549 (Human lung carcinoma epithelial cell) whole cell lysates

Lane 2: A431 (Human epidermoid teratoma cell line) whole cell lysates

Lane 3: 293T (Human embryonic kidney cell) whole cell lysates

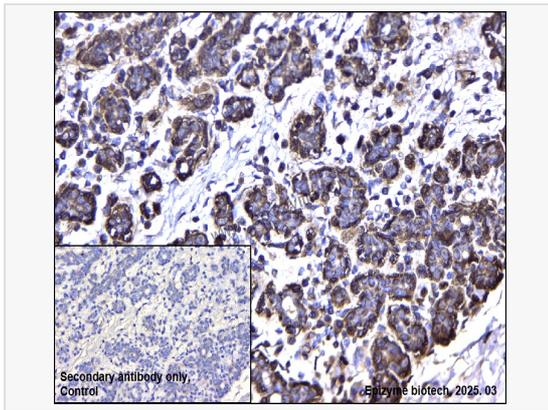
Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 137 kDa

Observed band size: 185 kDa

Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-IRS2 Rabbit mAb [57F11H86]

Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015279 at 1:200 dilution

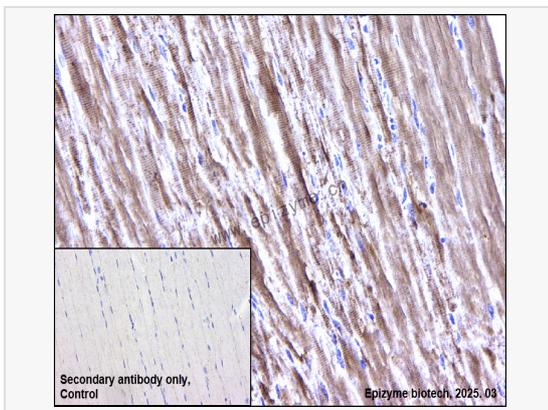
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-IRS2 Rabbit mAb [57F11H86]

Sample: Paraformaldehyde-fixed, paraffin embedded mouse muscle tissue

Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.

Primary antibody: R015279 at 1:200 dilution

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution

DAB was used as the chromogen.

Counter stained with hematoxylin.

Positive/negative staining were presented.

Only the secondary antibody was used as the negative control.