

Product Datasheet

IRS1 Antibody (monoclonal, 10I3) (orb570313)

Description

IRS1 Antibody (monoclonal, 10I3)

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

FC, ICC, IF, IHC, WB

Immunogen

E.coli-derived human IRS1 recombinant protein (Position: S1041-Q1242). Human IRS1 shares 78% and 80% amino acid (aa) sequence identity with mouse and rat IRS1, respectively.

Form/Appearance

Lyophilized

Storage

Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.

Note

For research use only

Application notes

Tested Species: In-house tested species with positive results. By Heat: Boiling the paraffin sections in 10mM citrate buffer, pH6.0, for 20mins is required for the staining of formalin/paraffin sections. Other applications have not been tested. Optimal dilutions should be determined by end users. Add 0.2ml of distilled water will yield a concentration of 500µg/ml.

Isotype

Mouse IgG2a

Clonality

Monoclonal

MW

160-180 kDa

Uniprot ID

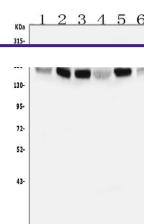
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Dilution Range

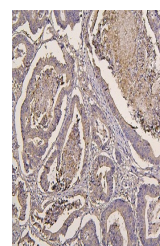
Western blot, 0.1-0.5µg/ml Immunohistochemistry (Paraffin-embedded Section), 0.5-1µg/ml Immunocytochemistry/Immunofluorescence, 2µg/ml Flow Cytometry, 1-3µg/1x10⁶ cells

Expiration Date

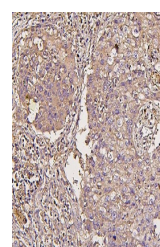
12 months from date of receipt.



Western blot analysis of IRS1 using anti-IRS1 antibody.



IHC analysis of IRS1 using anti-IRS1 antibody.



IHC analysis of IRS1 using anti-IRS1 antibody.