

Datasheet for ABIN6977834

## anti-IRS2 antibody (AA 461-560) (AbBy Fluor® 488)



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### Overview

Quantity:	100 µL
Target:	IRS2
Binding Specificity:	AA 461-560
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRS2 antibody is conjugated to AbBy Fluor® 488
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human IRS-2
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Predicted Reactivity:	Mouse, Horse
Purification:	Purified by Protein A.

### Target Details

Target:	IRS2
Alternative Name:	IRS-2 ( <a href="#">IRS2 Products</a> )

## Target Details

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Background: Synonyms: Insulin Receptor Substrate 2, IRS 2, IRS-2, IRS2, IRS2\_HUMAN.  
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]

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Gene ID: 8660

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UniProt: [Q9Y4H2](#)

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Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [Positive Regulation of Peptide Hormone Secretion](#), [Response to Growth Hormone Stimulus](#), [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

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Application Notes: FCM 1:20-100  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months