

Recombinant

DGRmAb®

## IRS1 (DGR13608) Rabbit mAb

db15530

Package : 10µL 20µL 50µL 100µL

**Product Name :** IRS1 (DGR13608) Rabbit mAb**Cat.No.:** db15530**Synonyms :** HIRS-1**Application :** WB, IHC, ICC/IF, FC**Reactivity :** Human**Host species :** Rabbit

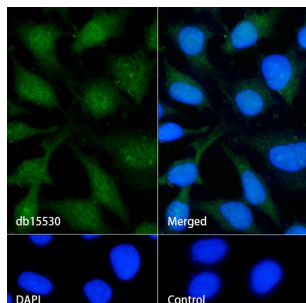
<b>Background</b>	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance. [provided by RefSeq, Nov 2009]
<b>Immunogen</b>	A synthetic peptide of human IRS1
<b>Gene ID</b>	3667
<b>Swiss Prot</b>	P35568
<b>Synonyms</b>	HIRS-1
<b>Reactivity</b>	Human
<b>Application</b>	WB, IHC, ICC/IF, FC
<b>Recommended dilution</b>	WB: 1:1000-1:5000 IHC: 1:20-1:50 ICC/IF: 1:50-1:200 FC: 1:20
<b>Calculated MW</b>	132 kDa
<b>Observed MW</b>	180 kDa
<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR13608
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling IRS1 with db15530.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db15530 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.