

Recombinant

DGRmAb®

## IRS1 (DGR13608) Rabbit mAb (PBS Only)

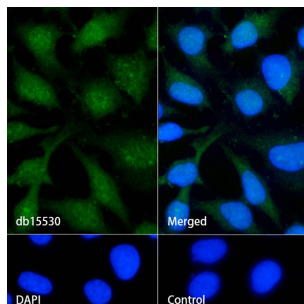
db15530-PBS

Package : 100µg

**Product Name :** IRS1 (DGR13608) Rabbit mAb (PBS Only)**Cat.No.:** db15530-PBS**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	PBS Only
Concentration	1mg/mL
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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°C) 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.