

**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**Background**

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]

**Immunogen**

A synthetic peptide of human IRS1

**Gene ID**

3667

**Swiss Prot**

P35568

**Synonyms**

HIRS-1

**Reactivity**

Human

**Application**

WB, IHC, ICC/IF, FC

**Calculated MW**

132 kDa

**Observed MW**

180 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13608

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

Un-conjugated

**Concentration**

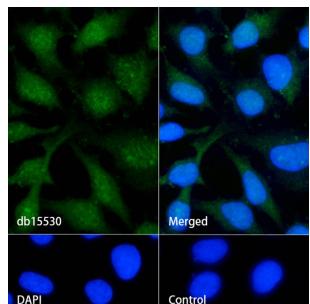
1 mg/mL

**Formulation**

PBS Only

**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.