

Recombinant

DGRmAb®

IRS1 (DGR13608) Rabbit mAb (PBS Only)

db15530-PBS

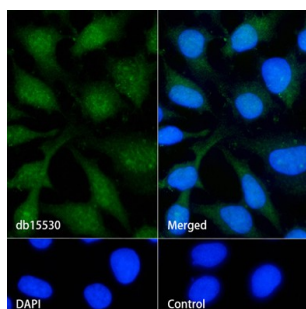
Package : 10µg 100µg

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

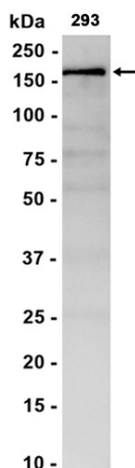
Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



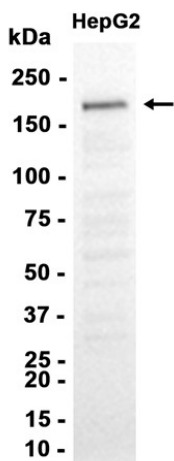
Immunofluorescence analysis of HeLa cells labelling IRS1 with [db15530](#).

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.



Western blot analysis of extracts from 293 cells using [db15530](#) at 1:1000.



Western blot analysis of extracts from HepG2 cells using [db15530](#) at 1:2000.