

Recombinant

DGRmAb®

GRP94 (DGR20529) Rabbit mAb (PBS Only)

db11330-PBS

Package : 100µg

Product Name : GRP94 (DGR20529) Rabbit mAb (PBS Only)**Cat.No.:** db11330-PBS**Synonyms :** ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

This gene encodes a member of a family of adenosine triphosphate(ATP)-metabolizing molecular chaperones with roles in stabilizing and folding other proteins. The encoded protein is localized to melanosomes and the endoplasmic reticulum. Expression of this protein is associated with a variety of pathogenic states, including tumor formation. There is a microRNA gene located within the 5' exon of this gene. There are pseudogenes for this gene on chromosomes 1 and 15.
[provided by RefSeq, Aug 2012]

Immunogen

A synthetic peptide of human GRP94

Gene ID

7184, 22027, 362862

Swiss Prot

P14625, P08113, Q66HD0

Synonyms

ECGP; GP96; TRA1; GRP94; HEL35; HEL-S-125m

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:1000-1:5000
ICC/IF: 1:500-1:1000
FC: 1:200-1:500
IP: 1:20-1:50**Calculated MW**

93 kDa

Observed MW

100 kDa

Host species

Rabbit

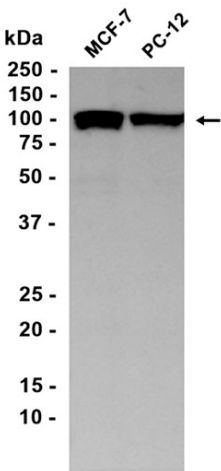
Clonality

Monoclonal

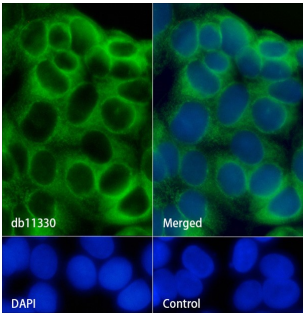
Clonality No.

DGR20529

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.



Western blot analysis of extracts from MCF-7, PC-12 cells usingdb11330 at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling GRP94 withdb11330.

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 withdb11330 (1:500) 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.