

Recombinant

DGRmAb®

## GRP94 (DGR20529) Rabbit mAb

db11330

Package : 10µL 20µL 50µL 100µL

**Product Name :** GRP94 (DGR20529) Rabbit mAb**Cat.No.:** db11330**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 dilution**WB: 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

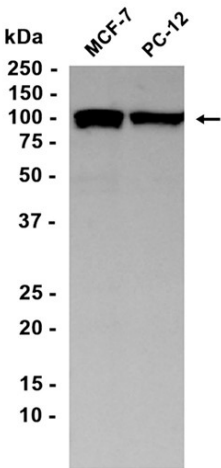
**Clonality**

Monoclonal

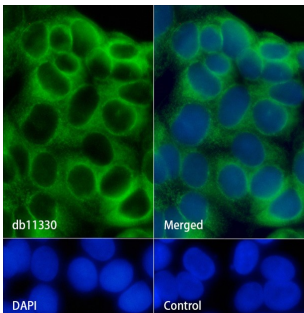
**Clonality No.**

DGR20529

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
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.



Western blot analysis of extracts from MCF-7, PC-12 cells using db11330 at 1:1000.



Immunofluorescence analysis of MCF-7 cells labelling GRP94 with db11330.

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 db11330 (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.