

**Recombinant****DGRmAb®****GRB2 (DGR13455) Rabbit mAb (PBS Only)****db15571-PBS****Package : 100µg****Product Name :** GRB2 (DGR13455) Rabbit mAb (PBS Only)**Cat.No.:** db15571-PBS**Synonyms :** ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2**Application :** WB, IHC, ICC/IF, IP**Reactivity :** Human, Mouse, Rat**Host species :** Rabbit**Background**

The protein encoded by this gene binds the epidermal growth factor receptor and contains one SH2 domain and two SH3 domains. Its two SH3 domains direct complex formation with proline-rich regions of other proteins, and its SH2 domain binds tyrosine phosphorylated sequences. This gene is similar to the *Sem5* gene of *C.elegans*, which is involved in the signal transduction pathway. Two alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human GRB2

**Gene ID**

2885

**Swiss Prot**

P62993

**Synonyms**

ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2

**Reactivity**

Human, Mouse, Rat

**Application**

WB, IHC, ICC/IF, IP

**Calculated MW**

25 kDa

**Observed MW**

25 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR13455

**Isotype**

IgG

**Purity**

Affinity Purification

**Conjugation**

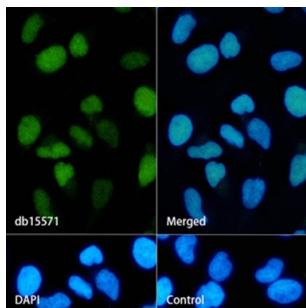
Un-conjugated

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.

PC-12

Western blot analysis of extracts from PC-12 cells using [db15571](#) at 1:1000.

kDa  
180 -  
130 -  
100 -  
70 -  
55 -  
40 -  
35 -  
25 -  
15 -  
10 -

Immunofluorescence analysis of HeLa cells labelling GRB2 with [db15571](#).

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 [db15571](#) (1:200) 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.