Recombinant DGRmAb®

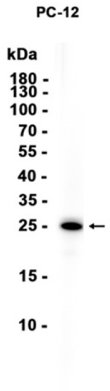
GRB2 (DGR13455) Rabbit mAb (PBS Only)

db15571-PBS **Package : 10μg 100μg**

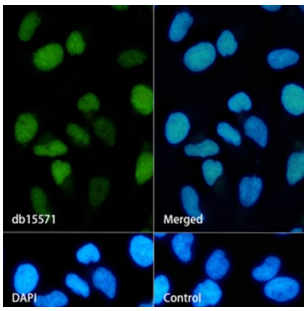
Product Name : GRB2 (DGR13455) Rabbit mAb (PBS Only)
Cat.No.: db15571-PBS
Synonyms : ASH; Grb3-3; MST084; NCKAP2; MSTP084; EGFRBP-GRB2
Application : WB, IHC, ICC/IF, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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.



Western blot analysis of extracts from PC-12 cells using db15571 at 1:1000.



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.