

Recombinant

DGRmAb®

Phospho-p130 (Thr986) (DGR11680) Rabbit mAb

db13112

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-p130 (Thr986) (DGR11680) Rabbit mAb**Cat.No.:** db13112**Synonyms :** Rb2; P130**Application :** WB, FC, IP**Reactivity :** Human,Mouse**Host species :** Rabbit**Background**

Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases KMT5B and KMT5C, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr986 of human p130

Gene ID

5934

Swiss Prot

Q08999

Synonyms

Rb2; P130

Reactivity

Human,Mouse

Application

WB, FC, IP

Recommended dilution

WB: 1:1000

FC: 1:100-1:200

IP: 1:100

Calculated MW

128 kDa

Observed MW

130 kDa

Host species

Rabbit

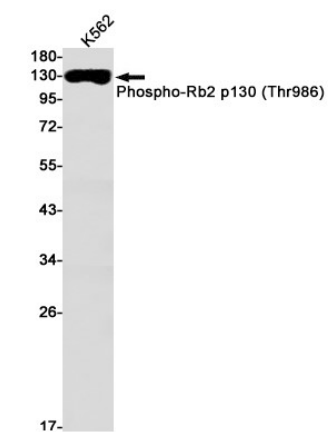
Clonality

Monoclonal

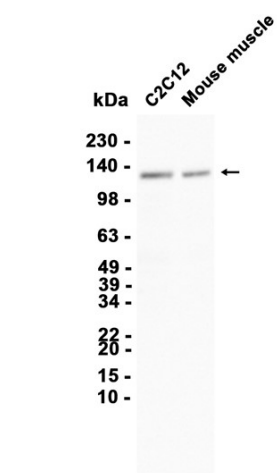
Clonality No.

DGR11680

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 detection of Phospho-Rb2 p130 (Thr986) in K562 cell lysates using Phospho-Rb2 p130 (Thr986) antibody(1:1000 diluted).



Western blot analysis of extracts from C2C12 cells and Mouse muscle tissue using db13112 at 1:1000.