

Phospho-Rb2 p130 (Thr986) Rabbit mAb

Catalog No: #52095

Package Size: #52095-1 50ul #52095-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

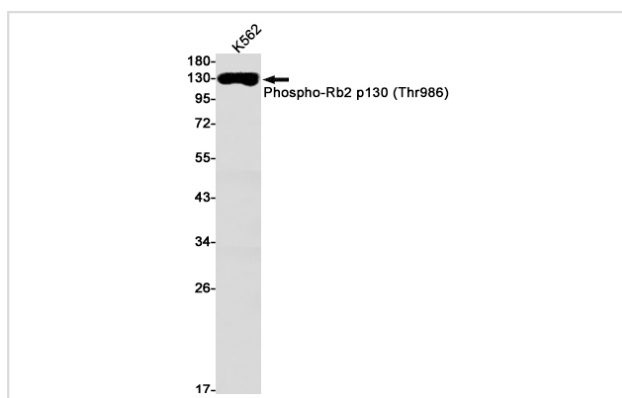
Description

Product Name	Phospho-Rb2 p130 (Thr986) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S06-9B3
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse
Immunogen Description	A synthetic phosphopeptide corresponding to residues surrounding Thr986 of human p130
Conjugates	Unconjugated
Modification	Phosphorylated
Other Names	Rb2; P130
Accession No.	Swiss-Prot:Q08999GeneID:5934
Uniprot	Q08999
GeneID	5934
Calculated MW	Calculated MW: 128 kDa; Observed MW: 130 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of Phospho-Rb2 p130 (Thr986) in K562 cell lysates using Phospho-Rb2 p130 (Thr986) Rabbit mAb(1:1000 diluted). Predicted band size:128kDa.Observed band size:130kDa.

Background

Swiss-Prot Acc.Q08999.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.

Note: This product is for in vitro research use only