

Rb2 p130 (Phospho-Thr986) Rabbit mAb

Catalog No: #52095

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

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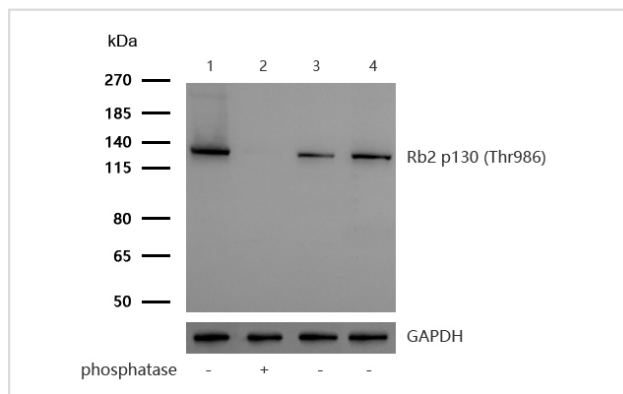
Description

Product Name	Rb2 p130 (Phospho-Thr986) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
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
Calculated MW	Predicted band size: 128 kDa
SDS-PAGE MW	Observed band size: 130kDa
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: 1:500-1:2000

Images



All lanes : Rb2 p130 (Phospho-Thr986) Rabbit mAb at 1/1k dilution
 Lane 1 : K562 whole cell lysates
 Lane 2 : K562 treated with Lambda Protein Phosphatase for 30min whole cell lysates
 Lane 3 : JK whole cell lysates
 Lane 4 : C2C12 whole cell lysates
 Lysates/proteins at 20 µg per lane.
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
 Predicted band size: 128 kDa Observed band size: 130kDa
 Exposure time: 3 seconds

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 and is not intended for use in humans or animals.