

PHOSPHO-RB2 P130 (THR986) RABBIT MAB

Cat.#: N261714

Product Name: Anti-Phospho-Rb2 p130 (Thr986) Rabbit Monoclonal Antibody

Synonyms: Rb2; P130

UNIPROT ID: Q08999

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

Applications: WB,IP

Recommended Dilutions: WB: 1/500-1/1000 IP: 1/20

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R06-9B3

MW: Calculated MW: 128 kDa; Observed MW: 128 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human

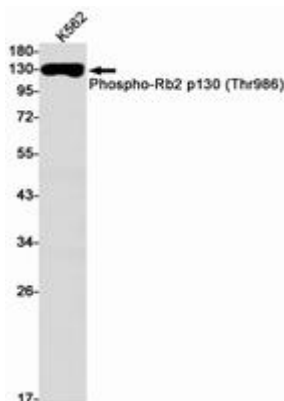
Conjugation: Unconjugated

Modification: Phosphorylated

Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Western blot analysis of Phospho-Rb2 p130 (Thr986) in K562 lysates using Phospho-Rb2 p130 (Thr986) antibody.