Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R011108

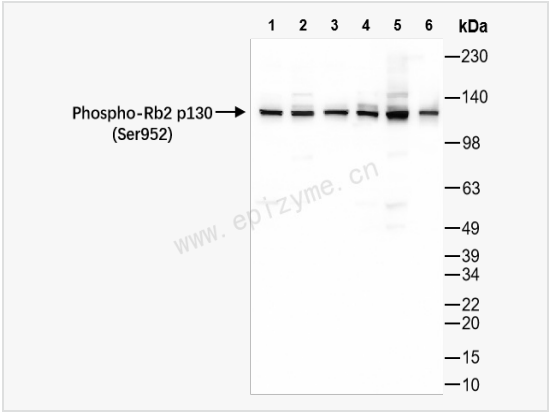
Product Information

Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:5,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	17K27K86
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser952 of human Rb2 p130
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb [17K27K86] is for research use only and not for use in diagnostic or therapeutic procedures.

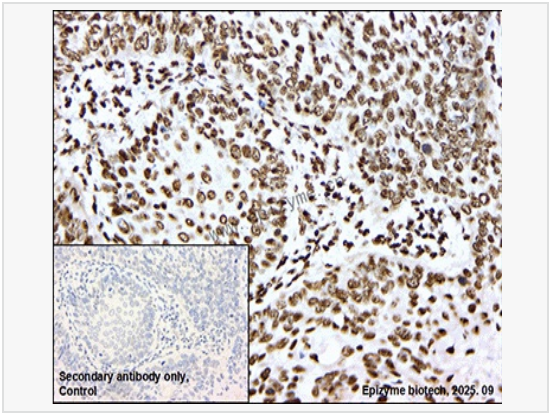
Protein Information

Synonyms	Rb2 p130(phospho S952); p-Rb2 p130(phospho S952); p130; PRB2; Rb2; RBL2; RBR2; Retinoblastoma like 2; Retinoblastoma like protein 2.
Calculated MW	Calculated MW: 128 kDa; Observed MW: 128 kDa
Uniprot ID	Q08999
Gene ID	5934
Background	Enables promoter-specific chromatin binding activity. Involved in regulation of lipid kinase activity. Acts upstream of or within negative regulation of gene expression. Located in chromosome; cytosol; and nuclear lumen. [provided by Alliance of Genome Resources, Jul 2025]
Cellular Location	Nucleus

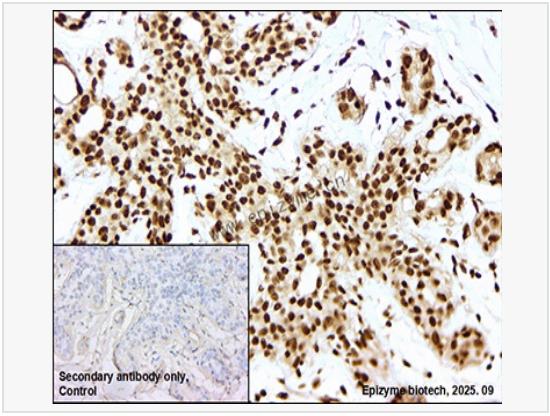
Validation Images



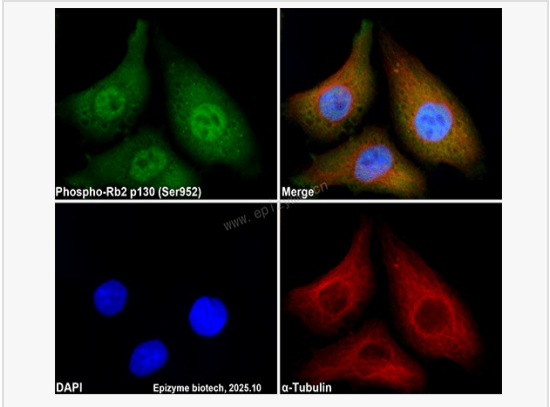
Western Blot - Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb [17K27K86]
All lanes: R011108 at 1:5,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 4: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lane 5: SH-SY5Y (Human neuroblastoma epithelial cell) whole cell lysates
Lane 6: U2OS (Human osteosarcoma epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 128 kDa
Observed band size: 128 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb [17K27K86]
Sample: Paraformaldehyde-fixed, paraffin embedded human lung cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011108 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb [17K27K86]
Sample: Paraformaldehyde-fixed, paraffin embedded human breast cancer tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R011108 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunofluorescence - Anti-Phospho-Rb2 p130 (Ser952) Rabbit mAb [17K27K86]
Sample: HeLa cells
The cells were fixed with 4% paraformaldehyde (10 min), permeabilized with 0.5% Triton X-100 for 10 minutes and then blocked with 5% BSA in 0.1% PBS-Tween for 0.5 hours.
Primary antibodies: R011108 at 1:100 dilution and α-tubulin Mouse Monoclonal Antibody (Cat. No. LF209) at 1:100 dilution
Secondary antibodies: Goat anti-Rabbit (488) at 1:1,000 dilution (shown in green) and Goat anti-Mouse (555) at 1:1,000 dilution (shown in red)
Nuclei were stained with DAPI (shown in blue).