

Rb Rabbit mAb (AR1929)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse
Applications:	WB, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	106kDa (Calculated) 110kDa (Observed)

Recommended Dilution Ratios

WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	RB1
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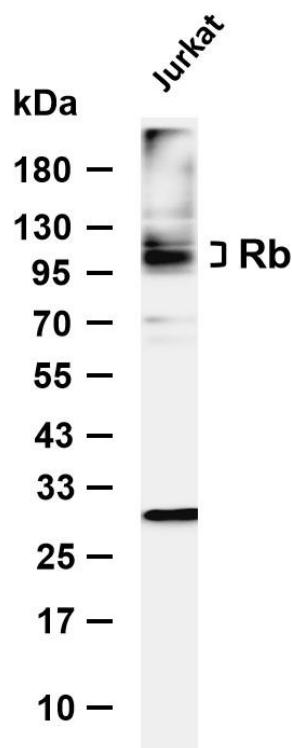
Protein Name	Retinoblastoma-associated protein
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Organism	Gene ID	UniProt ID
Human	5925	P06400
Mouse	19645	P13405

Cellular Localization	Nucleus. During keratinocyte differentiation, acetylation by KAT2B/PCAF is required for nuclear localization.
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Tissue specificity	Expressed in the retina. Expressed in foreskin keratinocytes (at protein level) (PubMed:20940255)
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Validation Data

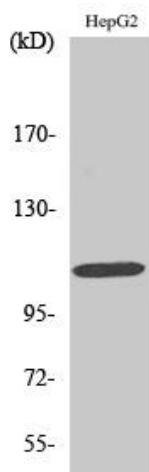


Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with anti-Rb antibody. The HRP-conjugated Goat anti Rabbit IgG (H + L) antibody was used to detect the antibody.

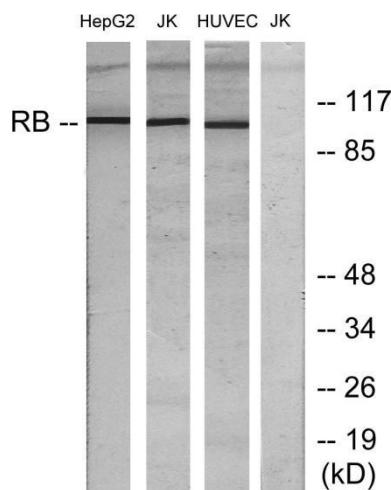
Lane 1: Jurkat

Predicted band size: 106kDa

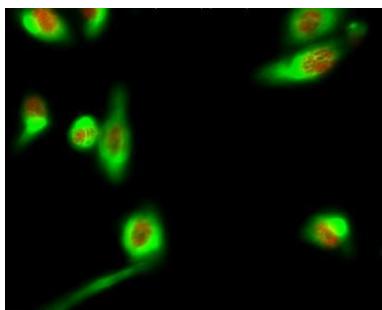
Observed band size: 110kDa



Western Blot analysis of various cells using Rb Antibody diluted at 1:1000.



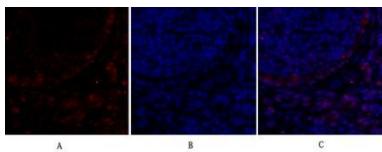
Western blot analysis of lysates from HepG2, Jurkat, and HUVEC cells, using Retinoblastoma Antibody. The lane on the right is blocked with the synthesized peptide.



Immunofluorescence analysis of HeLa cell.

1. Rb Antibody(red) was diluted at 1:200(4 °C overnight). Kif 7 Monoclonal Antibody (green) was diluted at 1:200(4 °C overnight).
2. Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).

Immunofluorescence analysis of mouse-lung tissue.



1. Rb Antibody(red) was diluted at 1:200(4°C, overnight).
2. Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).
3. Picture B: DAPI(blue) 10min.

Picture A: Target. Picture B: DAPI. Picture C: merge of A+B

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