

Datasheet for ABIN306634

anti-Retinoblastoma Protein (Rb) antibody[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinoblastoma Protein (Rb) antibody is un-conjugated
Application:	Please inquire

Product Details

Clone:	XZ104
Isotype:	IgG1

Target Details

Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Alternative Name:	Rb (Retinoblastoma) (Rb Protein Products)
Background:	The immunogen for the anti-human retinoblastoma (Rb) was a recombinant protein corresponding to amino acids 393 to 572 of the human retinoblastoma sequence. Retinoblastoma encodes a phosphorylated protein p110 and binds and regulates E2F transcription factors. Rb functions as a major cell cycle regulator by its ability to repress gene transcription by all three RNA polymerases. In its hypophosphorylated form, Rb binds to a subset of E2F containing complexes converting them to repressors preventing expression of

Target Details

E2F target genes. These complexes repress transcription via E2F binding elements in the promoters of cell cycle control genes, such as E2F-1, c-myc, and cdc2 genes. Synonyms: Retinoblastoma-associated protein, pRb, pp110, p105-Rb.

UniProt: [P06400](#)

Pathways: [Mitotic G1-G1/S Phases](#)

Application Details

Restrictions: For Research Use only