

Datasheet for ABIN306635

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

Overview

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

Product Details

Clone:	XZ133
Isotype:	IgG1

Target Details

Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Alternative Name:	Rb (Retinoblastoma) (Rb Protein Products)
Background:	<p>The immunogen for the anti-human retinoblastoma (Rb) was a recombinant protein corresponding to amino acids 393 to 572 of the human retinoblastoma sequence.</p> <p>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</p>

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