

Datasheet for ABIN6252811 **anti-Retinoblastoma Protein (Rb) antibody**



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Overview

Quantity:	100 µg
Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Retinoblastoma Protein (Rb) antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	A human recombinant protein was used as the immunogen for this Rb antibody.
Clone:	RB1-1754
Isotype:	IgG1 kappa
Purification:	Protein G affinity chromatography

Target Details

Target:	Retinoblastoma Protein (Rb) (Rb Protein)
Alternative Name:	Retinoblastoma / Rb (Rb Protein Products)
Background:	Recognizes a 105 kDa phosphoprotein, identified as retinoblastoma (Rb) gene product. It shows no cross reaction with p107 or p130. It reacts with the hyper-phosphorylated as well as the un (under) phosphorylated form of the Rb protein. Retinoblastoma gene product plays a key

Target Details

role in cell cycle control. It has been identified as a tumor suppressor gene whose loss of its function leads to tumor development. It is widely expressed in a variety of human tissues including breast, esophageal, squamous cell and cervical carcinoma.

Gene ID: 5925

UniProt: [P06400](#)

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

Application Details

Application Notes: WB: 0.5-1 µg/mL

IP: 1-2 µg/500 µg protein lysate

IHC (FFPE): 1-2 µg/mL for 30 min at RT

Titration of the Rb antibody may be required for optimal performance.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.2 mg/mL

Buffer: PBS with 0.1 mg/mL BSA and 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Aliquot and Store at -20C. Avoid freeze-thaw cycles.