

RB1 Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252178

Unit: 0.1 mg

Description:

Retinoblastoma-associated protein (RB1) is a key regulator of entry into cell division that acts as a tumor suppressor. RB1 acts as a transcription repressor of E2F1 target genes. The underphosphorylated, active form of RB1 interacts with E2F1 and represses its transcription activity, leading to cell cycle arrest. Defects in RB1 are the cause of childhood cancer retinoblastoma (RB). RB is a congenital malignant tumor that arises from the nuclear layers of the retina. RB1 is expressed in the retina.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H

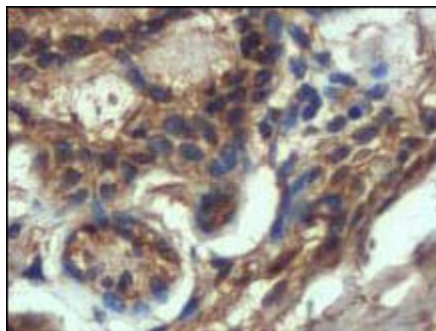
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: RB1; Retinoblastoma-associated protein; p105-Rb; pRb; Rb; pp110

Accession No.: P06400

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human RB1.

Application Notes: E: 1:10,000-1:50,000; WB: 1:250-1:1,000; IHC: 1:50-1:200



RB1 staining in human breast cancer: Paraffin-embedded human breast cancer is stained with RB1 Antibody (Cat. No. 252178) used at 1:100 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.