

## **Product Datasheet**

## Rb antibody GRP11

Description	The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor suppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to maintain the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcription factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bladder cancer, and osteogenic sarcoma. [provided by RefSeq]	
Species/Host	Rabbit	
Reactivity	Human, Mouse	
Conjugation	Unconjugated	
Tested Applications	ICC, IF, IHC-P, IP, WB	Rb antibody detects Rb
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human Rb. The exact sequence is proprietary.	at nucleus on human colon carcinoma by immunohistochemical analysis.
Form/Appearance	Liquid: 1XPBS, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative.	Sample: Paraffin-embedded human colon carcinoma.
Concentration	0.56 mg/ml	Rb antibody (GRP463)
Storage	Store as concentrated solution. Centrifuge briefly prior to openin- vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.	1:500.
Note	For research use only.	130 —
Isotype	lgG	95 —
Clonality	Polyclonal	72 — Rb antibody detects Rb
Purity	Purified by antigen-affinity chromatography.	protein by western blot analysis.A.
Uniprot ID	P06400	30 ?g A431 whole cell
Entrez	5925	SDS-PAGERb antibody (GRP463)
Dilution Range	WB: 1:500-1:3000,ICC: 1:100-1:1000,IHC-P: 1:100-1:1000,IP: 1:100-1:500	dilution: 1:500The HRP-conjugated anti-rabbit IgG antibody was

was used to detect the primary antibody.