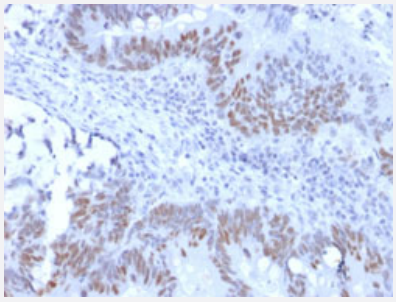
RecomAb™

RB1 recombinant monoclonal antibody, clone RB1/2313R

Catalog # RAB00616 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human colon carcinoma.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against full length human RB1.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to full-length human RB1.
Reactivity	Human, Mouse
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 1 mg/mL PBS
Storage Instruction	Store at -20 to -80°C.

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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human colon carcinoma.

Gene Info — RB1

Entrez GeneID	5925
Protein Accession#	P06400
Gene Name	RB1
Gene Alias	OSRC, RB, p105-Rb, pRb, pp110
Gene Description	retinoblastoma 1
Omim ID	109800 180200 259500
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a negative regulator of the cell cycle and was the first tumor s uppressor gene found. The encoded protein also stabilizes constitutive heterochromatin to mainta in the overall chromatin structure. The active, hypophosphorylated form of the protein binds transcr iption factor E2F1. Defects in this gene are a cause of childhood cancer retinoblastoma (RB), bla dder cancer, and osteogenic sarcoma. [provided by RefSeq
Other Designations	OTTHUMP00000018397|retinoblastoma suspectibility protein|retinoblastoma-associated protein

Pathway

- Bladder cancer
- Cell cycle
- Chronic myeloid leukemia
- Glioma
- Melanoma
- Non-small cell lung cancer
- Pancreatic cancer
- Pathways in cancer

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- Prostate cancer
- Small cell lung cancer

Disease

- Adenocarcinoma
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Chromosomal Instability
- Chromosome Aberrations
- Chromosome Deletion
- Colorectal Neoplasms
- Cystadenocarcinoma
- Disease Progression
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Liver Neoplasms
- Lung Neoplasms
- Lymphoma
- Neoplasm Invasiveness
- Ovarian cancer
- Ovarian Neoplasms
- Pancreatic cancer
- Pancreatic Neoplasms
- Pulmonary Disease

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- Retinal Neoplasms
- Retinoblastoma
- Tobacco Use Disorder

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