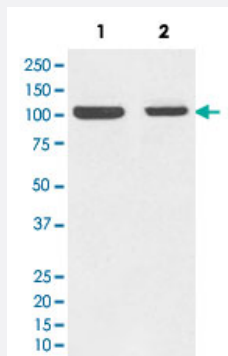


RB1 monoclonal antibody, clone FCD-18

Catalog # MAB20665 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Jurkat and Lane 2: MCF-7 cell lysates with RB1 monoclonal antibody, clone FCD-18 (Cat # MAB20665).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human RB1.

Immunogen A synthetic peptide corresponding to human RB1.

Host Rabbit

Theoretical MW (kDa) 106.159

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- Immunocytochemistry (1:100-1:500)
- Immunofluorescence (1:100-1:500)
- Immunohistochemistry (1:100-1:500)
- Immunoprecipitation (1:50)
- Western Blot (1:1000-1:2000)
- The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of Lane 1: Jurkat and Lane 2: MCF-7 cell lysates with RB1 monoclonal antibody, clone FCD-18 (Cat # MAB20665).

- Immunohistochemistry

- Immunocytochemistry

- Immunofluorescence

- Immunoprecipitation

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 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]

Other Designations

OTTHUMP00000018397|retinoblastoma susceptibility protein|retinoblastoma-associated protein

Pathway

- [Bladder cancer](#)
- [Cell cycle](#)
- [Chronic myeloid leukemia](#)
- [Glioma](#)
- [Melanoma](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [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](#)
- [Retinal Neoplasms](#)
- [Retinoblastoma](#)
- [Tobacco Use Disorder](#)