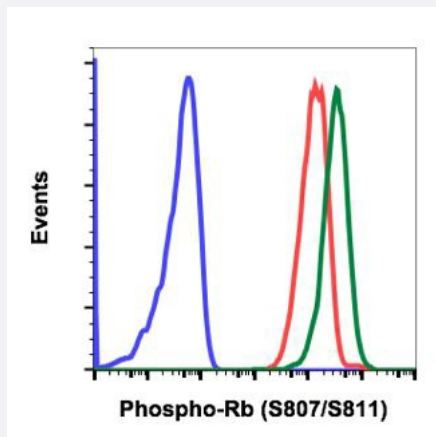


RB1 (phospho S807/S811) monoclonal antibody, clone D9

Catalog # MAB19043 Size 200 uL

Applications



Flow Cytometry

Flow cytometric analysis of Jurkat cells secondary antibody only negative control (blue) or untreated (red) or treated with calyculin A (green) using RB1 (phospho S807/S811) monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human RB1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S807/S811 of human RB1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Protein A/G Purification
Isotype	IgG1k
Recommend Usage	Flow Cytometry (1 ug/mL - 0.001 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (50% glycerol, 0.02% sodium azide, 0.1% BSA).
Storage Instruction	Store at -20°C.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

Flow cytometric analysis of Jurkat cells secondary antibody only negative control (blue) or untreated (red) or treated with calyculin A (green) using RB1 (phospho S807/S811) monoclonal antibody.

Gene Info — RB1

Entrez GeneID [5925](#)

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](#)