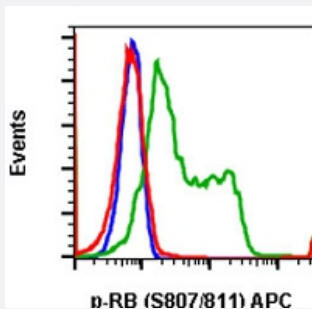


RB1 (phospho S807/S811) monoclonal antibody, clone D9 (APC)

Catalog # MAB21586 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of U937 cells with RB1 (phospho S807/S811) monoclonal antibody, clone D9 (APC) (Cat # MAB21586). Untreated and unstained as negative control (blue) or untreated and stained (green) or treated with lambda phosphatase and stained (red).

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
Conjugation	APC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/ 10^6 cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 4°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 U937 cells with RB1 (phospho S807/S811) monoclonal antibody, clone D9 (APC) (Cat # MAB21586). Untreated and unstained as negative control (blue) or untreated and stained (green) or treated with lambda phosphatase and stained (red).

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](#)