

Rb P105 RB (Phospho-Ser807 + Ser811) Antibody FITC Conjugated

Catalog No: #C04663F

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Description

Product Name	Rb P105 RB (Phospho-Ser807 + Ser811) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human P105 RB around the phosphorylation site of Ser807 Ser811
Conjugates	FITC
Target Name	Rb P105 RB Ser807 + Ser811
Other Names	RbSer807; OSRC; P105 RB; P105RB; PP105; PP110; pRb; RB 1; RB1; RB1 protein; Retinoblastoma 1 including osteosarcoma; Retinoblastoma 1; Retinoblastoma associated protein; Retinoblastoma related osteosarcoma; Retinoblastoma susceptibility gene; Including osteosarcoma; RB_HUMAN.
Accession No.	NCBI Gene ID5925
Uniprot	P06400
GeneID	5925;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

Nuclear MarkerRb is a tumor suppressor gene which functions as a negative regulator of the cell cycle by interacting with transcription factors including E2F1, PU1, ATF2, UBF, Elf1 and cAbl. This ability of Rb to alter transcription is regulated by phosphorylation catalyzed by the cyclin dependent protein kinases (cdks). Rb is phosphorylated on serine and threonine, but not on tyrosine residues. It forms a complex with SV40 large T antigen, adenovirus E1A, and human papilloma virus 16E. Rb protein may act by regulating transcription and loss of its function leads to uncontrolled cell growth. Aberrations in the Rb gene have been implicated in cancers of breast, colon, prostate, kidney, nasopharynx, and leukemia.

Note: This product is for in vitro research use only