

Retinoblastoma (Phospho-Ser780) Conjugated Antibody

Catalog No: #C14147

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Package Size: #C14147-AF350 100ul #C14147-AF405 100ul #C14147-AF488 100ul

#C14147-AF555 100ul #C14147-AF594 100ul #C14147-AF647 100ul

#C14147-AF680 100ul #C14147-AF750 100ul #C14147-Biotin 100ul

Description

Product Name	Retinoblastoma (Phospho-Ser780) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human
Specificity	Retinoblastoma Antibody detects endogenous levels of total Retinoblastoma
Immunogen Description	A synthesized peptide derived from human Retinoblastoma
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	OSRC; RB; p105-Rb; pRb; RB1; pp110; Retinoblastoma 1; PPP1R130
Accession No.	Uniprot:P06400
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	110kDa
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Cell cycle-dependent phosphorylation by a CDK inhibits Rb target binding and allows cell cycle progression. Rb inactivation and subsequent cell cycle progression likely requires an initial phosphorylation by cyclin D-CDK4/6 followed by cyclin E-CDK2 phosphorylation. Specificity of different CDK/cyclin complexes has been observed in vitro and cyclin D1 is required for Ser780 phosphorylation in vivo.

Note: This product is for in vitro research use only