

Anti-Phospho-Rb (Thr356) [7F10]

Catalogue number: 153190

Sub-type: Primary antibody

Images:

Contributor

Inventor: Sibylle Mitnacht

Institute: The Institute of Cancer Research

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Phospho-Rb (Thr356) [7F10]

Alternate name: Retinoblastoma 1; RB1; p15-Rb; RB; pp11; pRb; OSRC

Class: Monoclonal

Conjugate: Unconjugated

Description: Rb is a tumor suppressor nuclear phosphoprotein capable of binding to DNA. It 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-16 E. 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. Phosphorylation of Rb at S608 depends on CDK4.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Human ; Mouse

Selectivity:

Host: Rat

Immunogen: Synthetic peptide COOH-C-ERERpTPRKNN-NH2 coupled to mycobacterium tuberculosis PPD

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Rb (phospho Thr356)

Target alternate names:

Target background: Rb is a tumor suppressor nuclear phosphoprotein capable of binding to DNA. It 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-16 E. 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. Phosphorylation of Rb at S608 depends on CDK4.

Molecular weight: 111 kDa

Ic50:

Applications

Application: IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org