

recMAb™ Anti-ATR/RAD54 Antibody

CATALOG NO.: A2216-100 (100 µg)

BACKGROUND DESCRIPTION: The protein encoded by this gene contains an ATPase/helicase domain, and thus it belongs to the SWI/SNF family of chromatin remodeling proteins. This protein is found to undergo cell cycle-dependent phosphorylation, which regulates its nuclear matrix and chromatin association, and suggests its involvement in the gene regulation at interphase and chromosomal segregation in mitosis. Mutations in this gene are associated with X-linked syndromes exhibiting cognitive disabilities as well as alpha-thalassemia (ATRX) syndrome. These mutations have been shown to cause diverse changes in the pattern of DNA methylation, which may provide a link between chromatin remodeling, DNA methylation, and gene expression in developmental processes. Multiple alternatively spliced transcript variants encoding distinct isoforms have been reported.

ALTERNATE NAMES: JMS, XH2, XNP, MRX52, RAD54, RAD54L, ZNF-HX, MRXHF1, SFM1, SHS, ATR2

ANTIBODY TYPE: Monoclonal

CLONE: ATRX/2900R

CONCENTRATION: 1 mg/ml

HOST/ISOTYPE: Rabbit / IgG

IMMUNOGEN: Recombinant human ATRX protein

MOLECULAR WEIGHT: 280 kDa

PURIFICATION: Protein A/G purified

FORM: Liquid

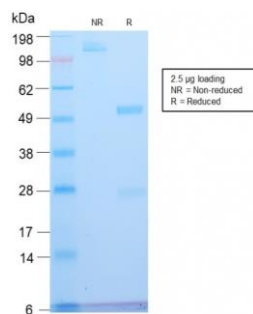
FORMULATION: In 10 mM PBS

SPECIES REACTIVITY: Human

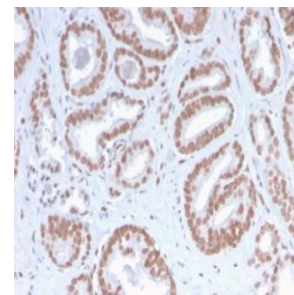
STORAGE CONDITIONS: Store at -20°C. Avoid freeze/thaw cycles

APPLICATIONS AND USAGE: IHC (1-2 µg/ml)

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user



SDS-PAGE analysis to confirm the purity and integrity of recMAb™ Anti-ATR/RAD-54 antibody.



Immunohistochemical analysis of paraffin embedded formalin fixed human prostate carcinoma using recMAb™ Anti-ATR/RAD54 antibody.

RELATED PRODUCTS:

Daxx Antibody (3229)

ATR Antibody (3767)

H3K9me3 polyclonal antibody (6873)

Anti-BRCA1 Antibody (A2157)