

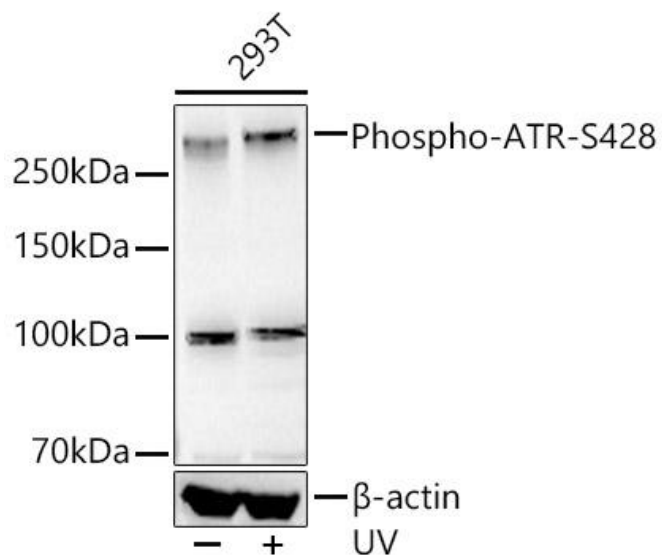


Phospho-ATR-S428 Mouse mAb

Catalog No	YP-mAb-14563
Isotype	IgG
Reactivity	Human, Mouse, Rat
Applications	WB
Gene Name	
Protein Name	
Immunogen	A synthetic phosphorylated peptide around S428 of human ATR (NP_001175.2).
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:1000 - 1:5000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	FRP1; MEC1; SCKL; FCTCS; SCKL1; Phospho-ATR-S428
Observed Band	300kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	The protein encoded by this gene is a serine/threonine kinase and DNA damage sensor, activating cell cycle checkpoint signaling upon DNA stress. The encoded protein can phosphorylate and activate several proteins involved in the inhibition of DNA replication and mitosis, and can promote DNA repair, recombination, and apoptosis. This protein is also important for fragile site stability and centrosome duplication. Defects in this gene are a cause of Seckel syndrome 1.
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



Products Images



Western blot analysis of various lysates, using Phospho-ATR-S428 Mouse mAb (AP1358) at 1:2000 dilution. 293T cells were treated by UV at room temperature for 15-30 minutes. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.