



Datasheet for ABIN560011
anti-ATR antibody (AA 2545-2644)



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3 Images

Overview

Quantity:	100 µg
Target:	ATR
Binding Specificity:	AA 2545-2644
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATR antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant ATR.
Immunogen:	ATR (NP_001175, 2545 a.a. ~ 2644 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DQREPLMSVL KTFLHDPLVE WSKPVKGHSK APLNETGEVV NEKAKTHVLD IEQRLQGVIK TRNRVTGLPL SIEGHVHYLI QEATDENLLC QMYLWTPYM
Clone:	3F2
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ATR
Alternative Name:	ATR (ATR Products)
Background:	Full Gene Name: ataxia telangiectasia and Rad3 related Synonyms: FRP1,MEC1,SCKL,SCKL1
Gene ID:	545
NCBI Accession:	NM_001184
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

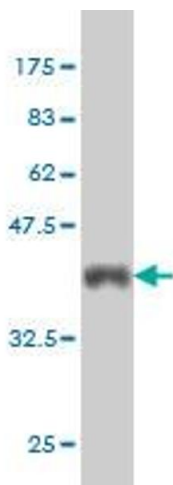
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

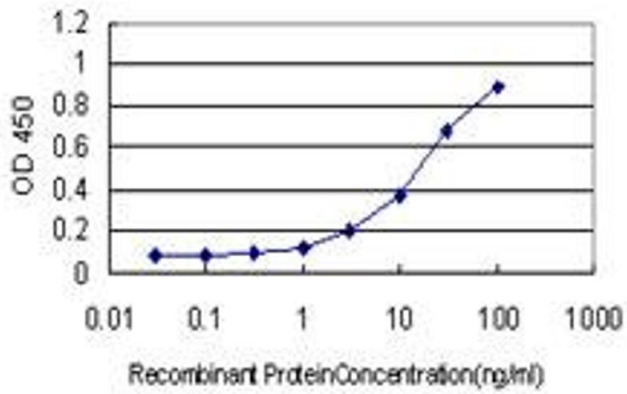
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



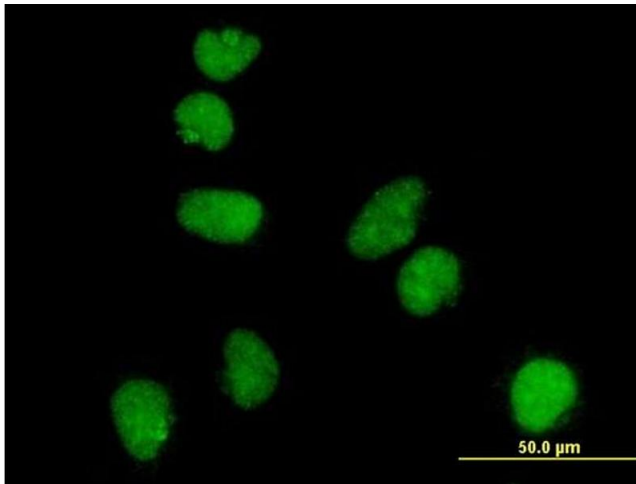
Western Blotting

Image 1. Western Blot detection against Immunogen (36.74 kDa).



ELISA

Image 2. Detection limit for recombinant GST tagged ATR is approximately 0.3ng/ml as a capture antibody.



Immunofluorescence

Image 3. Immunofluorescence of monoclonal antibody to ATR on HeLa cell. [antibody concentration 10 ug/ml]