

Datasheet for ABIN513576
anti-ATM antibody (AA 1-138)



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2 Images

Overview

Quantity:	100 µg
Target:	ATM
Binding Specificity:	AA 1-138
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ATM antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant ATM.
Immunogen:	ATM (AAH07023.1, 1 a.a. ~ 138 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MTLHEPANSS ASQSTDLCDF SGDLDPAPNP PHFPSHVKA TFAYISNCHK TKLKSILEIL SKSPDSYQKI LLAICEQAAE TNNVYKKHRI LKIYHLFVSL LLKDIKSLG GAWAFVLRDV IYTLIHYINQ RKLTIQSQ
Clone:	2C10
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	ATM
Alternative Name:	ATM (ATM Products)
Background:	Full Gene Name: ataxia telangiectasia mutated Synonyms: AT1,ATA,ATC,ATD,ATDC,ATE,DKFZp781A0353,MGC74674,TEL1,TELO1
Gene ID:	472
Pathways:	p53 Signaling , Apoptosis , DNA Damage Repair , Inositol Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus

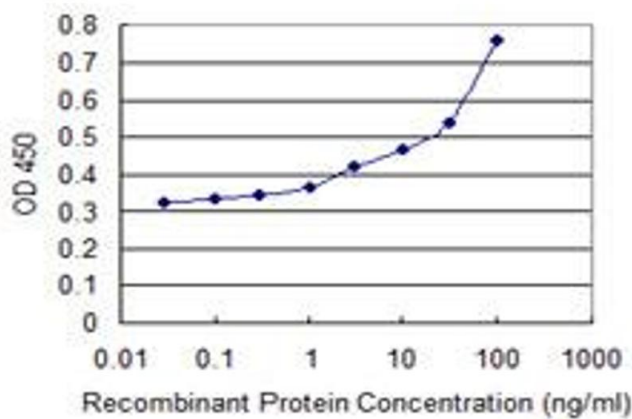
Application Details

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

Handling

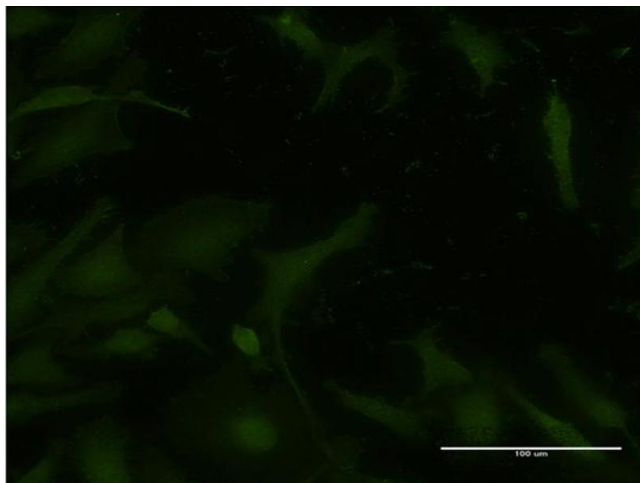
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



ELISA

Image 1. Detection limit for recombinant GST tagged ATM is 1 ng/ml as a capture antibody.



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to ATM on HeLa cell. [antibody concentration 10 ug/ml]