

Recombinant

DGRmAb®

ATM (DGR14271) Rabbit mAb

db11193

Package : 10µL 20µL 50µL 100µL

Product Name : ATM (DGR14271) Rabbit mAb**Cat.No.:** db11193**Synonyms** : AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

The protein encoded by this gene belongs to the PI3/PI4-kinase family. This protein is an important cell cycle checkpoint kinase that phosphorylates; thus, it functions as a regulator of a wide variety of downstream proteins, including tumor suppressor proteins p53 and BRCA1, checkpoint kinase CHK2, checkpoint proteins RAD17 and RAD9, and DNA repair protein NBS1. This protein and the closely related kinase ATR are thought to be master controllers of cell cycle checkpoint signaling pathways that are required for cell response to DNA damage and for genome stability. Mutations in this gene are associated with ataxia telangiectasia, an autosomal recessive disorder. [provided by RefSeq, Aug 2010]

Immunogen

Recombinant protein of human ATM

Gene ID

472

Swiss Prot

Q13315

Synonyms

AT1; ATA; ATC; ATD; ATE; ATDC; TEL1; TELO1

Reactivity

Human,Mouse,Rat

Application

WB, ICC/IF, FC, IP

Recommended dilutionWB: 1:1000
ICC/IF: 1:200-1:500
FC: 1:200-1:1000
IP: 1:20-1:50**Calculated MW**

351 kDa

Observed MW

351 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR14271
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

Western blot analysis of extracts from U2OS cells using db11193 at 1:1000.

