Monoclonal Antibody against ATR-IP (Clone 11)

Tech ID: 25196 / UC Case 2011-384-0

BRIEF DESCRIPTION

Mouse monoclonal antibody against the human ATR-interacting protein (ATR-IP). This antibody has been tested for use in immunocytochemistry/immunofluorescence, immunoprecipitation, and western blot.

FULL DESCRIPTION

This gene encodes an essential component of the DNA damage checkpoint. The encoded protein binds to single-stranded DNA coated with replication protein A. The protein also interacts with the ataxia telangiectasia and Rad3 related protein kinase, resulting in its accumulation at intranuclear foci induced by DNA damage. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2012.

The described mouse monoclonal IgG1 antibody binds to human ATR-IP and has been described for use in immunocytochemistry/immunofluorescnece, immunoprecipitation, and western blot.

SUGGESTED USES

Immunocytochemistry/immunofluorescence

Immunoprecipitation

Western blot

ADVANTAGES

Specific antibody to detect ATR-IP by antibody-antigen complex formation.

RELATED MATERIALS

» Cep164 is a mediator protein required for the maintenance of genomic stability through modulation of MDC1, RPA, and CHK1. - 02/18/2008

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OTHER INFORMATION

KEYWORDS

Monoclonal antibody,
Centrosomal protein 164kDa,
Cep164,
Immunocytochemistry/immunofluorescence,
Immunoprecipitation,
Western blot

CATEGORIZED AS

» **Agriculture & Animal Science**
» Animal Science
» **Biotechnology**
» Genomics
» Health
» Proteomics

- **Imaging**
  - Medical
  - Molecular
- **Materials & Chemicals**
  - Biological
- **Medical**
  - Diagnostics
  - Disease: Autoimmune and Inflammation
  - Disease: Blood and Lymphatic System
  - Disease: Cancer
  - Disease: Cardiovascular and Circulatory System
  - Disease: Central Nervous System
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- **Nanotechnology**
  - Tools and Devices
- **Research Tools**
  - Antibodies
- **Sensors & Instrumentation**
  - Medical
  - Scientific/Research

RELATED CASES

2011-384-0, 2011-086-0, 2011-375-0, 2011-376-0, 2011-377-0, 2011-378-0, 2011-379-0, 2011-380-0, 2011-381-0, 2011-382-0, 2011-383-0, 2011-385-0, 2011-386-0, 2011-387-0

ADDITIONAL TECHNOLOGIES BY THESE INVENTORS

- Monoclonal Antibodies Against Chk2 (Clone 4B8)
- Monoclonal Antibody Against mtPAP (Clone 3D2)
- Monoclonal Antibody Against CEP164 (Clone 13)

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