

# Mouse Monoclonal Antibody to BIRC5

## Order Information

Catalog#	30303	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

## Description

This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. The encoded proteins also lack a C-terminus RING finger domain. Gene expression is high during fetal development and in most tumors, yet low in adult tissues. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

## Specification

Aliases : API4; EPR-1

Entrez GeneID : 332

Swissprot : O15392

clone : 1H5

WB Predicted band size : 16kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human

Immunogen : Purified recombinant fragment of human BIRC5 expressed in E. Coli.

Formulation : Purified antibody in PBS with 0.05% sodium azide

## Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
ICC	1/200 - 1/1000
FCM	1/200 - 1/400
ELISA	1/10000

## References

1. BMC Cancer. 2010 Feb 24;10:65.
2. Int J Cancer. 2009 Oct 15;125(8):1921-5.

Call 1-510-860-4615  
+86-19375157864  
Email [Info@ProMab.com](mailto:Info@ProMab.com)  
Web [www.ProMab.com](http://www.ProMab.com)  
[www.ProMab.cn](http://www.ProMab.cn)

## Protocol

WB - [www.promab.com/protocol/wb.html](http://www.promab.com/protocol/wb.html)  
IHC - [www.promab.com/protocol/ihc.html](http://www.promab.com/protocol/ihc.html)  
ICC - [www.promab.com/protocol/icc.html](http://www.promab.com/protocol/icc.html)  
HCM - [www.promab.com/protocol/hcm.html](http://www.promab.com/protocol/hcm.html)

**Antigen Sequence** is available upon request.

## Products and Services

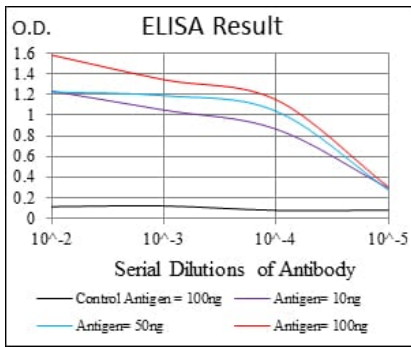
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

**For Research Only**

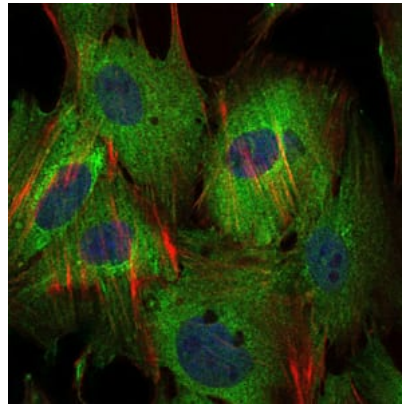
**Application Key:**WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

# #30303

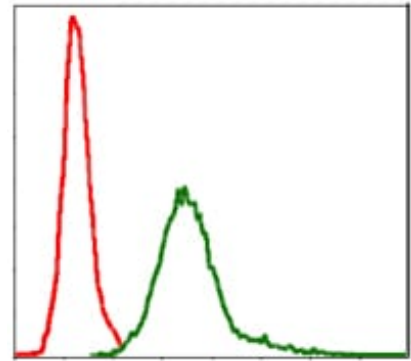
# Mouse Monoclonal Antibody to BIRC5



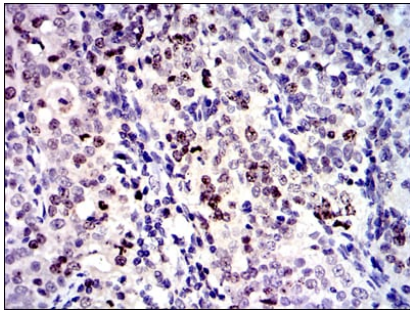
Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



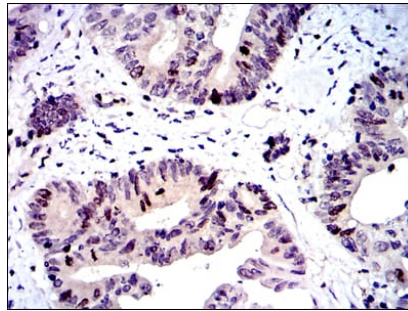
Immunofluorescence analysis of MSCS cells using BIRC5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using BIRC5 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BIRC5 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using BIRC5 mouse mAb with DAB staining.

**For Research Only**

**Application Key:** WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#30303