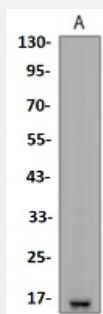


RecomAb™

# BIRC5 recombinant monoclonal antibody

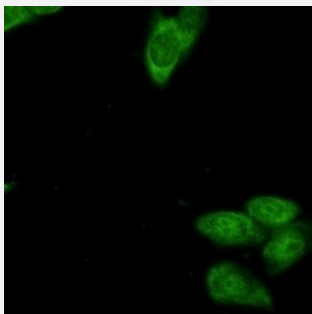
Catalog # RAB02542      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of Jurkat (A) whole cell lysates with BIRC5 recombinant monoclonal antibody (Cat # RAB02542).



### Immunofluorescence

Immunofluorescent analysis of MCF7 cells with BIRC5 recombinant monoclonal antibody (Cat # RAB02542). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BIRC5.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein of human BIRC5.
Theoretical MW (kDa)	16
Reactivity	Human
Specificity	Recognizes endogenous levels of Survivin protein.

Form	Liquid
Purification	Immunogen affinity chromatography
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:100) Immunofluorescence (1:50-1:100) Immunoprecipitation (1:10-1:50) Western Blot (1:500-1:1000)
Storage Buffer	In 50mM Tris-Glycine, pH 7.4 (0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of Jurkat (A) whole cell lysates with BIRC5 recombinant monoclonal antibody (Cat # RAB02542).

- Immunocytochemistry

- Immunofluorescence

Immunofluorescent analysis of MCF7 cells with BIRC5 recombinant monoclonal antibody (Cat # RAB02542). Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

- Immunoprecipitation

## Gene Info — BIRC5

Entrez GeneID [332](#)

Protein Accession# [Q15392](#)

Gene Name BIRC5

Gene Alias	API4, EPR-1
Gene Description	baculoviral IAP repeat-containing 5
Omim ID	<a href="#">603352</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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. Antisense transcripts are involved in the regulation of this gene's expression. At least four transcript variants encoding distinct isoforms have been found for this gene, but the full-length natures of only three of them have been determined. [provided by RefSeq]</p>
Other Designations	apoptosis inhibitor 4 baculoviral IAP repeat-containing protein 5 survivin variant 3 alpha

## Pathway

- [Colorectal cancer](#)
- [Pathways in cancer](#)

## Disease

- [Adenocarcinoma](#)
- [Carcinoma](#)
- [Cell Transformation](#)
- [Colorectal Neoplasms](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)

- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)
- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Stomach Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)