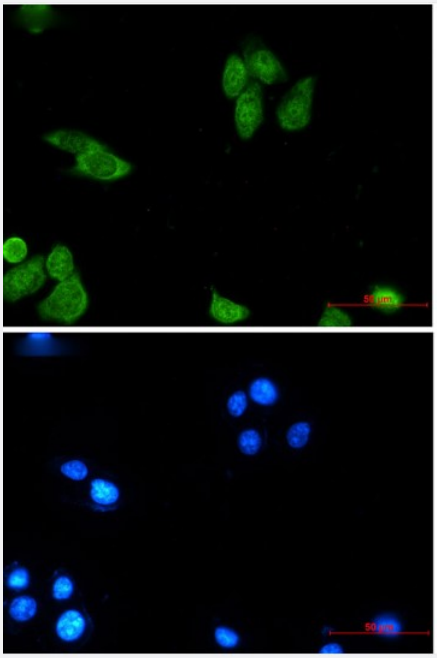
RecomAb™

BIRC5 recombinant monoclonal antibody, clone R04-1B1

Catalog # RAB01882 Size 100 uL

Applications



Immunocytochemistry

Immunocytochemistry staining of MCF-7 cells with BIRC5 recombinant monoclonal antibody, clone R04-1B1 (Cat # RAB01882).



Western Blot

Western blot analysis of Jurkat lysates with BIRC5 recombinant monoclonal antibody, clone R04-1B1 (Cat # RAB01882).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human BIRC5.
Antibody Species	Rabbit

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Immunogen	Original antibody is raised against recombinant protein corresponding to human BIRC5.
Theoretical MW (kDa)	Calculated MW: 16 kD
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunofluorescence
- Immunocytochemistry

  Immunocytochemistry staining of MCF-7 cells with BIRC5 recombinant monoclonal antibody, clone R04-1B1 (Cat # RAB01882).
- Immunoprecipitation
- Western Blot

  Western blot analysis of Jurkat lysates with BIRC5 recombinant monoclonal antibody, clone R04-1B1 (Cat # RAB01882).

Gene Info — BIRC5

Entrez GeneID	332
Protein Accession#	O15392

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Gene Name	BIRC5
Gene Alias	API4, EPR-1
Gene Description	baculoviral IAP repeat-containing 5
Omim ID	603352
Gene Ontology	Hyperlink
Gene Summary	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
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

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- Lung Neoplasms
- Lymphatic Metastasis
- Neoplasm Recurrence
- Neoplasms
- Neovascularization
- Pancreatic Neoplasms
- Papillomavirus Infections
- Stomach Neoplasms
- Urologic Neoplasms
- Uterine Cervical Neoplasms

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