

RecomAb™

BIRC5 recombinant monoclonal antibody, clone R04-1B1

Catalog # RAB01882 Size 100 uL

Applications



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
Immunogen	Original antibody is raised against recombinant protein corresponding to human BIRC5.
Theoretical MW (kDa)	Calculated MW: 16 kD
Reactivity	Human
Form	Liquid
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 should be handled by trained staff only.

Applications

- Western Blot

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

- Immunofluorescence

- Immunoprecipitation

Gene Info — BIRC5

Entrez GeneID[332](#)**Protein Accession#**[O15392](#)**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|surivin 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](#)