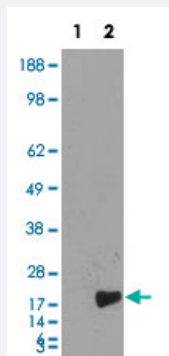


# BIRC5 monoclonal antibody, clone 2H5H2

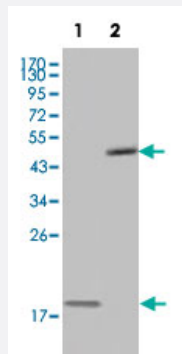
Catalog # MAB10414      Size 100 uL

## Applications



### Western Blot (Transfected lysate)

Western blot analysis using BIRC5 monoclonal antibody, clone 2H5H2 (Cat # MAB10414) against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY BIRC5 cDNA (2).



### Western Blot

Western blot analysis using BIRC5 monoclonal antibody, clone 2H5H2 (Cat # MAB10414) against full-length BIRC5 recombinant protein (1) and full-length BIRC5-GFP transfected COS-7 cell lysate (2).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant BIRC5.
<b>Immunogen</b>	Recombinant protein corresponding to human BIRC5.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1

<b>Recommend Usage</b>	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In ascites (0.03% sodium azide)
<b>Storage Instruction</b>	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Transfected lysate)

Western blot analysis using BIRC5 monoclonal antibody, clone 2H5H2 (Cat # MAB10414) against HEK293T cells transfected with the pCMV6-ENTRY control (1) and pCMV6-ENTRY BIRC5 cDNA (2).

- Western Blot

Western blot analysis using BIRC5 monoclonal antibody, clone 2H5H2 (Cat # MAB10414) against full-length BIRC5 recombinant protein (1) and full-length BIRC5-GFP transfected COS-7 cell lysate (2).

- Enzyme-linked Immunoabsorbent Assay

## Gene Info — BIRC5

<b>Entrez GeneID</b>	<a href="#">332</a>
<b>Gene Name</b>	BIRC5
<b>Gene Alias</b>	API4, EPR-1
<b>Gene Description</b>	baculoviral IAP repeat-containing 5
<b>Omim ID</b>	<a href="#">603352</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>

**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](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neovascularization](#)

- [Pancreatic Neoplasms](#)
- [Papillomavirus Infections](#)
- [Stomach Neoplasms](#)
- [Urologic Neoplasms](#)
- [Uterine Cervical Neoplasms](#)