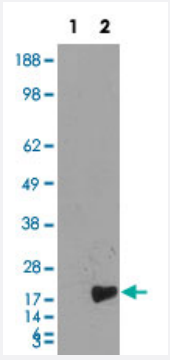
BIRC5 monoclonal antibody, clone 2H5H2

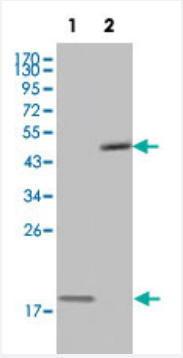
Catalog # MAB10414 Size 100 uL

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

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

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Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Enzyme-linked Immunoabsorbent Assay
- 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).

Gene Info — BIRC5

Entrez GeneID	332
Gene Name	BIRC5
Gene Alias	API4, EPR-1
Gene Description	baculoviral IAP repeat-containing 5
Omim ID	603352
Gene Ontology	Hyperlink

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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

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- Pancreatic Neoplasms
- Papillomavirus Infections
- Stomach Neoplasms
- Urologic Neoplasms
- Uterine Cervical Neoplasms

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