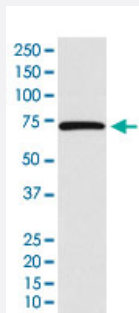


# BIRC2 monoclonal antibody, clone ABIG-2

Catalog # MAB22116      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (cell lysate) analysis of HepG2 cell lysate.

## Specification

|                            |                                                                                                                                                                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit monoclonal antibody raised against synthetic protein of human BIRC2.                                                                                                                                                                           |
| <b>Immunogen</b>           | A synthetic peptide corresponding to human BIRC2.                                                                                                                                                                                                     |
| <b>Host</b>                | Rabbit                                                                                                                                                                                                                                                |
| <b>Reactivity</b>          | Human                                                                                                                                                                                                                                                 |
| <b>Specificity</b>         | This antibody reacts with human BIRC2, in native form and recombinant. Superfamily members of BIRC2 are not reactive to antibody.                                                                                                                     |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                |
| <b>Purification</b>        | Affinity purification                                                                                                                                                                                                                                 |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                   |
| <b>Recommend Usage</b>     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-200)<br>Immunofluorescence (1:50-200)<br>Immunocytochemistry (1:50-200)<br>Western Blot (1:500-2000)<br>The optimal working dilution should be determined by the end user. |

|                            |                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b>      | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).                                                        |
| <b>Storage Instruction</b> | Store at 4°C. For long term storage store at -20°C.<br>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 (Cell lysate)

Western Blot (cell lysate) analysis of HepG2 cell lysate.

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

- Immunocytochemistry

- Immunofluorescence

## Gene Info — BIRC2

|                           |                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entrez GeneID</b>      | <a href="#">329</a>                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Protein Accession#</b> | <a href="#">Q13490</a>                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Name</b>          | BIRC2                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Alias</b>         | API1, HIAP2, Hiap-2, MIHB, RNF48, cIAP1                                                                                                                                                                                                                                                                                                                                                  |
| <b>Gene Description</b>   | baculoviral IAP repeat-containing 2                                                                                                                                                                                                                                                                                                                                                      |
| <b>Omim ID</b>            | <a href="#">601712</a>                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Gene Ontology</b>      | <a href="#">Hyperlink</a>                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary</b>       | The protein encoded by this gene is a member of a family of proteins that inhibits apoptosis by binding to tumor necrosis factor receptor-associated factors TRAF1 and TRAF2, probably by interfering with activation of ICE-like proteases. This encoded protein inhibits apoptosis induced by serum deprivation and menadione, a potent inducer of free radicals. [provided by RefSeq] |
| <b>Other Designations</b> | NFR2-TRAF signalling complex protein apoptosis inhibitor 1 baculoviral IAP repeat-containing protein 2                                                                                                                                                                                                                                                                                   |

## Pathway

- [Apoptosis](#)
- [Focal adhesion](#)
- [Pathways in cancer](#)
- [Small cell lung cancer](#)
- [Ubiquitin mediated proteolysis](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Spinal Muscular Atrophies of Childhood](#)
- [Spinal muscular atrophy](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)