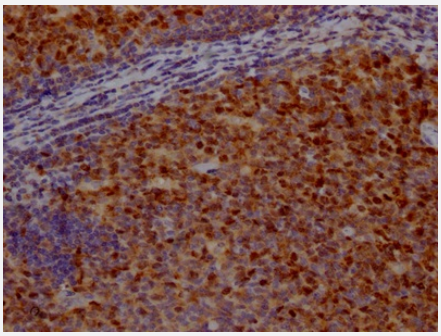
RecomAb™

# BIRC5 recombinant monoclonal antibody, clone 6G11

Catalog # RAB07460 Size 100 uL

## Applications



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

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using BIRC5 recombinant monoclonal antibody, clone 6G11 (Cat # RAB07460) on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human BIRC5. |
| **Antibody Species** | Rabbit |
| **Immunogen** | Original antibody is raised against a synthetic peptide corresponding to human BIRC5. |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Preparation Method** | Mammalian cell (HEK293) expression system |
| **Purification** | Affinity chromatography purification |
| **Isotype** | IgG |
| **Recommend Usage** | ELISA<br>Immunohistochemistry (1:50-1:200)<br>The optimal working dilution should be determined by the end user. |

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|---|---|
| **Storage Buffer** | In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol) |
| **Storage Instruction** | Store at -20°C or -80°C.<br>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. |

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- Enzyme-linked Immunoabsorbent Assay

## 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 reg ulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple bac ulovirus 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 durin g 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 isofor ms have been found for this gene, but the full-length natures of only three of them have been deter mined. [provided by RefSeq |
| **Other Designations** | apoptosis inhibitor 4\|baculoviral IAP repeat-containing protein 5\|survivin variant 3 alpha |

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## 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

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