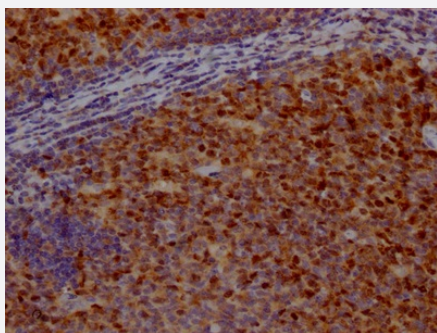


RecomAb™

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 Bond™ 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
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
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.
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.

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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 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 nature 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](#)