

BIRC5 (phospho S20) polyclonal antibody (DyLight 650)

Catalog # PAB15179

Size 100 uL

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of BIRC5.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S20 of human BIRC5.
Host	Rabbit
Reactivity	Human
Specificity	This antibody is useful for Immunocytochemistry/Immunofluorescence and Western blot, where a band is seen at ~16.5 kDa. In ICC/IF staining was observed in the spindle midzone, centrosome and intercellular bridge. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.
Form	Liquid
Conjugation	DyLight 650
Purification	Immunogen affinity purification
Recommend Usage	Immunocytochemistry/Immunofluorescence Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM sodium borate (0.05% sodium azide).
Storage Instruction	Store at 4°C in the dark.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunocytochemistry

- Immunofluorescence

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|surivin 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](#)