

## Product datasheet for **TA400023**

### **BIRC5 Mouse Monoclonal Antibody [Clone ID: OTI2D9]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	OTI2D9
Applications:	FC
Recommended Dilution:	FC: 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human BIRC5 (NP_001159) produced in HEK293T cell.
Formulation:	PBS (pH7.4) containing 50% glycerol, 0.1% BSA and 0.02% Na <sub>3</sub>
Concentration:	0.5 mg/ml
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	DyLight 488
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16.2 kDa
Gene Name:	baculoviral IAP repeat containing 5
Database Link:	<a href="#">NP_001159</a> <a href="#">Entrez Gene 332 Human</a> <a href="#">O15392</a>



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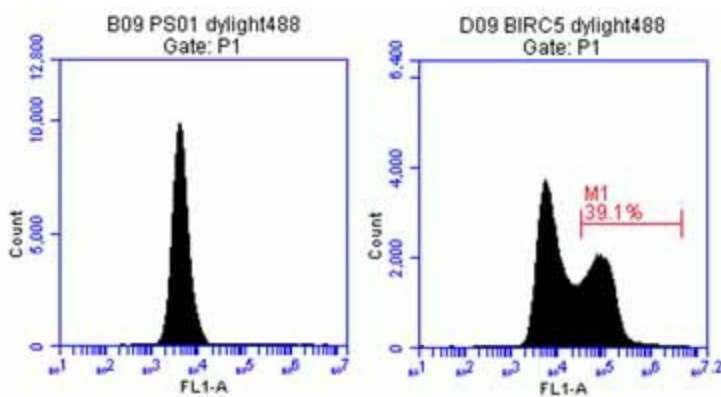
**Background:** This gene is a member of the inhibitor of apoptosis (IAP) gene family, which encode negative regulatory proteins that prevent apoptotic cell death. IAP family members usually contain multiple baculovirus IAP repeat (BIR) domains, but this gene encodes proteins with only a single BIR domain. 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.

**Synonyms:** API4; EPR-1

**Protein Families:** Druggable Genome, Stem cell - Pluripotency

**Protein Pathways:** Colorectal cancer, Pathways in cancer

### Product images:



HEK293T cells were transfected with pCMV6-ENTRY control (PS01, left panel) or BIRC5 cDNA (right panel) and incubated for 48 hours after transfection. The cells were detached, fixed with 2% formaldehyde for 30 min, permeabilized with 0.1% triton-X100, and then stained with DyLight488-labeled BIRC5 antibodies (TA400023).