

## Basic Information

<b>Product Name</b>	Anti-Survivin/BIRC5 Antibody (Clone#OTI2D9)	
<b>Gene Name</b>	BIRC5	
<b>Source</b>	Mouse	
<b>Clonality</b>	Monoclonal	
<b>Isotype</b>	IgG1	
<b>Species Reactivity</b>	human	
<b>Tested Application</b>	WB, ICC/IF, FCM	
<b>Contents</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.	
<b>Immunogen</b>	Full length human recombinant protein of human BIRC5 (NP_001159) produced in HEK293T cell.	
<b>Concentration</b>	500 ug/ml	
<b>Purification</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)	
<b>Observed MW</b>	16.2 kDa	
<b>Dilution Ratios</b>	Western blot (WB): 1:2000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:100 Flow cytometry (FCM): 1:100	

## Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

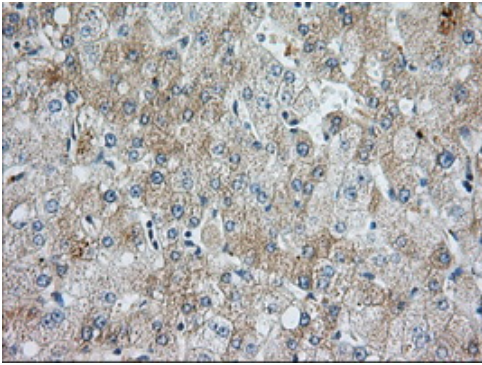
## Background Information

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.

## Selected Validation Data

**Anti-Survivin/BIRC5 Antibody**  
**(Clone#OTI2D9)**

**Catalog Number: MA00379**



Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-BIRC5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH9.0, 120°C for 3min, MA00379, Dilution 1:50)