

Basic Information

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

Selected Validation Data

Product datasheet

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

Catalog Number: MA00379

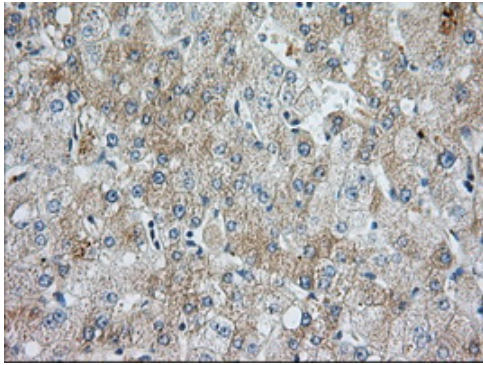
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Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-BIRC5 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH9.0, 120°C for 3min, MA00379, Dilution 1:50)