Product datasheet

Anti-Livin/BIRC7 Antibody (Clone#OTI1D12)

Catalog Number: *M02577*

BOSTER
antibody and ELISA experts
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Basic Information

Product Name	Anti-Livin/BIRC7 Antibody (Clone#OTI1D12)
Gene Name	BIRC7
Source	Mouse
Clonality	Monoclonal
Isotype	IgG1
Species Reactivity	human
Tested Application	WB, IHC, FCM
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human BIRC7 (NP_071444) produced in HEK293T cell.
Concentration	0.36 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	33 kDa
Dilution Ratios	Western blot (WB): 1:1000 Immunohistochemistry (IHC):1:50 Flow cytometry (FCM): 1:100

Storage

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

Background Information

The protein encoded by this gene is a member of the family of inhibitor of apoptosis proteins (IAP) and contains a single copy of a baculovirus IAP repeat (BIR) as well as a RING-type zinc finger domain. The BIR domain is essential for inhibitory activity and interacts with caspases, while the RING finger domain sometimes enhances antiapoptotic activity but does not inhibit apoptosis alone. Two transcript variants encoding different isoforms have been found for this gene. The two isoforms have different antiapoptotic properties, with isoform alpha protecting cells from apoptosis induced by staurosporine and isoform b protecting cells from apoptosis induced by etoposide.

Selected Validation Data

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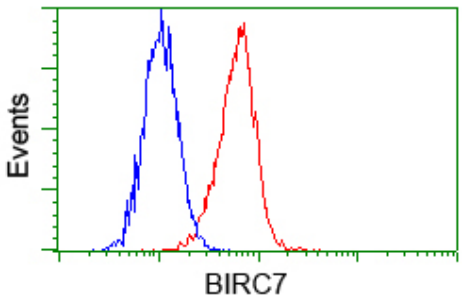

Flow cytometric analysis of Hela cells, using anti-BIRC7 antibody, (Red) compared to a nonspecific negative control antibody (Blue).