

## Product datasheet for **TA336400**

### Livin (BIRC7) Mouse Monoclonal Antibody [Clone ID: 88C570]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	88C570
Applications:	ICC/IF, WB
Recommended Dilution:	Immunocytochemistry/ Immunofluorescence: 2-5 ug/ml, Western Blot: 1-2 ug/ml
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Immunogen:	Recombinant human livin protein was used as immunogen.
Formulation:	PBS containing 0.05% BSA, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Protein G purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	baculoviral IAP repeat containing 7
Database Link:	<a href="#">NP_647478</a> <a href="#">Entrez Gene 79444 Human</a> <a href="#">Q96CA5</a>



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**Background:**

The inhibitor of apoptosis (IAP) family of proteins regulates programmed cell death triggered by various stimuli. All IAPs have at least one baculovirus IAP repeat (BIR) motif that is essential for their anti-apoptotic activity. Recently, Kasof and Gomes (1), Vucic et al. and Ashhab et al. have identified a novel human inhibitor of apoptosis protein (IAP) family member termed Livin or ML-IAP, which contains a single baculoviral IAP repeat (BIR) domain and a COOH-terminal RING finger domain. Livin gene has two splicing variants that contain open reading frames of 298 and 280 amino acids and both contained a single copy of baculovirus IAP repeat (BIR) and RING domain. Both of the isoforms inhibit TNF $\alpha$  induced apoptosis in Jurkat cells. Livin expression is low in adult tissues. It is relatively expressed at a higher level in developmental tissues and in many cancer cells.

**Synonyms:**

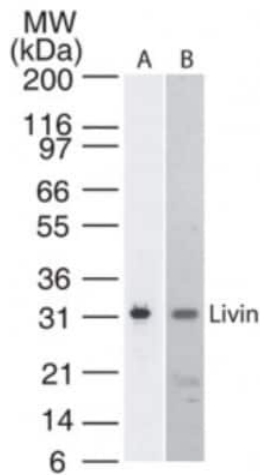
KIAP; LIVIN; ML-IAP; MLIAP; RNF50

**Note:**

Immunocytochemistry/Immunofluorescence see Nachmias et al, 2007

**Protein Families:**

Druggable Genome

**Product images:**

Western Blot: Livin Antibody (88C570) TA336400 - detection of Livin in A) Livin transfected cell lysate and B) Molt4 cell lysate. A protein band of approximate molecular weight of 31 kDa is detected using this antibody.