

### Anti-clAP2 antibody [E40] ab32059

**重组** RabMAb

★★★★★ **2 Abreviews** **46 References** **8 图像**

#### 概述


产品名称	Anti-clAP2抗体[E40]
描述	兔单克隆抗体[E40] to clAP2
宿主	Rabbit
特异性	This antibody is specific for human clAP2. It does not cross-react with any other IAP family members.
经测试应用	<b>适用于:</b> Flow Cyt (Intra), WB, IHC-P, IP <b>不适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide within Human clAP2 aa 400-500. The exact sequence is proprietary.
阳性对照	WB: Daudi cell lysate IHC-P: Human spleen tissue, Human breast carcinomaIP: Daudi cell lysate Flow Cyt (intra): Raji cells
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA

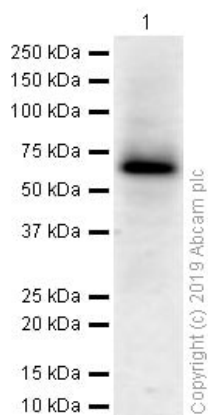
纯度	Protein A purified
克隆	单克隆
克隆编号	E40
同种型	IgG

**The Abpromise guarantee**      **Abpromise™承诺保证使用ab32059于以下的经测试应用**

应用	Ab评论	说明
Flow Cyt (Intra)		1/70.
WB	 (2)	1/50000. Predicted molecular weight: 72 kDa. <b>For unpurified use at 1/1000.</b>
IHC-P		1/600. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See <b><u>IHC antigen retrieval protocols</u></b> .
IP		1/30. <b>For unpurified use at 5 µg/mL.</b>

靶标

<b>功能</b>	Apoptotic suppressor. The BIR motifs region interacts with TNF receptor associated factors 1 and 2 (TRAF1 and TRAF2) to form an heteromeric complex, which is then recruited to the tumor necrosis factor receptor 2 (TNFR2).
<b>组织特异性</b>	Highly expressed in fetal lung, and kidney. In the adult, expression is mainly seen in lymphoid tissues, including spleen, thymus and peripheral blood lymphocytes.
<b>疾病相关</b>	Note=A chromosomal aberration involving BIRC3 is recurrent in low-grade mucosa-associated lymphoid tissue (MALT lymphoma). Translocation t(11;18)(q21;q21) with MALT1. This translocation is found in approximately 50% of cytogenetically abnormal low-grade MALT lymphoma.
<b>序列相似性</b>	Belongs to the IAP family. Contains 3 BIR repeats. Contains 1 CARD domain. Contains 1 RING-type zinc finger.
<b>细胞定位</b>	Cytoplasm.



Western blot - Anti-clAP2 antibody [E40] (ab32059)

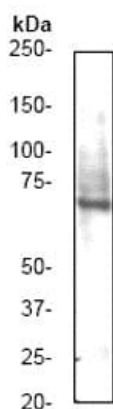
Anti-clAP2 antibody [E40] (ab32059) at 1/50000 dilution (Purified)  
+ Raji (Human Burkitt's lymphoma B lymphocyte) whole cell lysates  
at 15 µg

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

**Predicted band size:** 72 kDa

**Observed band size:** 72 kDa

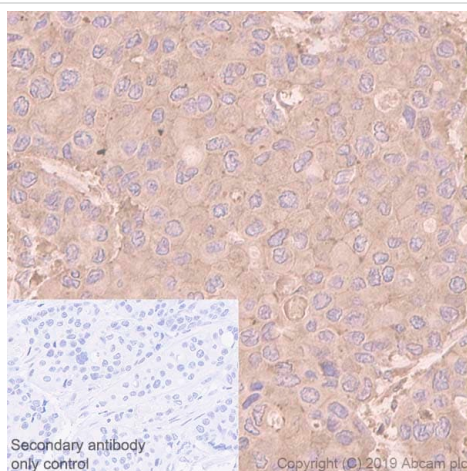


Western blot - Anti-clAP2 antibody [E40] (ab32059)

Anti-clAP2 antibody [E40] (ab32059) at 1/1000 dilution (unpurified)  
+ Daudi cell lysate.

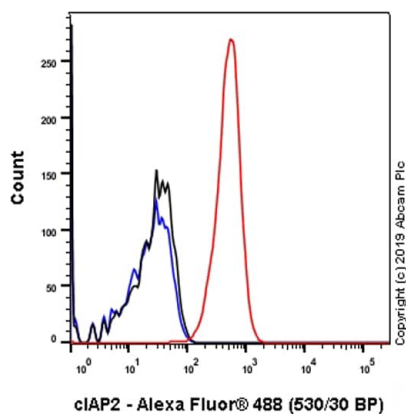
**Predicted band size:** 72 kDa

**Observed band size:** 72 kDa



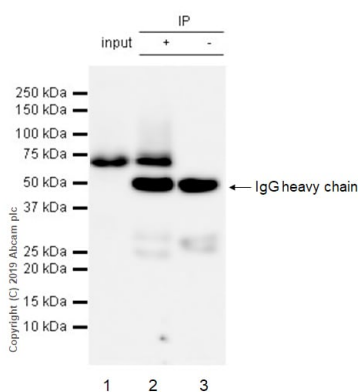
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-clAP2 antibody [E40] (ab32059)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human breast carcinoma tissue sections labeling clAP2 with purified ab32059 at 1/600 dilution (1.12 µg/ml). Perform heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Flow Cytometry (Intracellular) - Anti-cIAP2 antibody [E40] (ab32059)

Intracellular Flow Cytometry analysis of Raji (Human Burkitt's lymphoma B lymphocyte) cells labeling cIAP2 with purified ab32059 at 1/70 dilution (10µg/ml) (red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunoprecipitation - Anti-cIAP2 antibody [E40] (ab32059)

ab32059 (purified) at 1/30 dilution (2ug) immunoprecipitating cIAP2 in Daudi whole cell lysates.

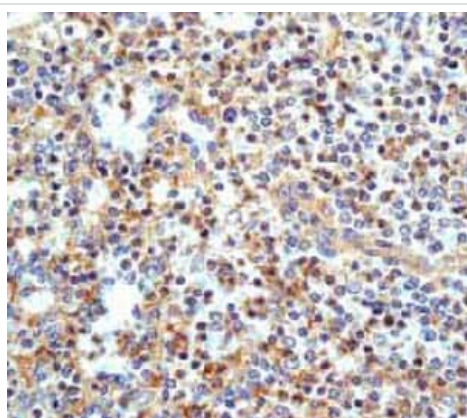
Lane 1: Daudi (Human Burkitt's lymphoma lymphoblast) whole cell lysates 10ug

Lane 2 (+): ab32059 & Daudi whole cell lysates

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab32059 in Daudi whole cell lysates

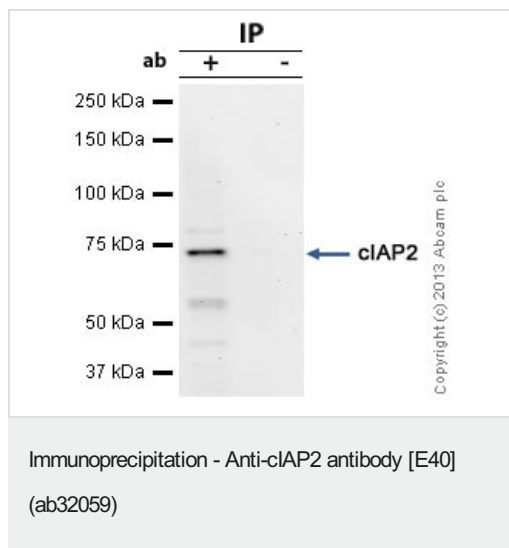
For western blotting, VeriBlot for IP Detection Reagent (HRP) (**ab131366**) was used at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDm/TBST.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-cIAP2 antibody [E40] (ab32059)

ab32059 (unpurified) at a 1/50 dilution staining cIAP2 in human normal spleen, using Immunohistochemistry, Paraffin Embedded Tissue.



cIAP2 was immunoprecipitated using 0.5mg Daudi whole cell extract, 5µg of Rabbit polyclonal to cIAP2 and 50µl of protein G magnetic beads (+). No antibody was added to the control (-). The antibody was incubated under agitation with Protein G beads for 10min, Daudi whole cell extract lysate diluted in RIPA buffer was added to each sample and incubated for a further 10min under agitation.

Proteins were eluted by addition of 40µl SDS loading buffer and incubated for 10min at 70°C; 10µl of each sample was separated on a SDS PAGE gel, transferred to a nitrocellulose membrane, blocked with 5% BSA and probed with ab32059 (unpurified). Secondary: Mouse monoclonal [SB62a] Secondary Antibody to Rabbit IgG light chain (HRP) ([ab99697](#)).

Band: 72kDa; cIAP2

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**Success from the first experiment**  
Confirmed specificity

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Anti-cIAP2 antibody [E40] (ab32059)

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