

Anti-Survivin BIRC5 Rabbit Monoclonal Antibody

Catalog Number: M00379-1

About BIRC5

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

Product Name	Anti-Survivin BIRC5 Rabbit Monoclonal Antibody
Reactive Species	Human
Description	Boster Bio Anti-Survivin BIRC5 Rabbit Monoclonal Antibody catalog # M00379-1. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal ABB-2
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O15392

Technical Details

Immunogen	A synthesized peptide derived from human Survivin
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 IP 1:50 FC 1:50
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Anti-Survivin BIRC5 Rabbit Monoclonal Antibody (M00379-1) Images

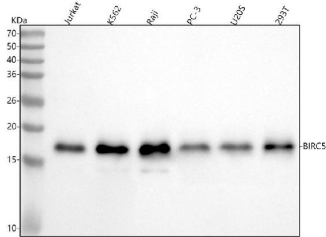


Figure 1. Western blot analysis of BIRC5 using anti-BIRC5 antibody (M00379-1).

Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Jurkat whole cell lysates,

Lane 2: human K562 whole cell lysates,

Lane 3: human Raji whole cell lysates,

Lane 4: human PC-3 whole cell lysates,

Lane 5: human U20S whole cell lysates,

Lane 6: human 293T whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes.

Blocked the membrane with 5% non-fat milk/TBS for 1.5

hour at RT. The membrane was incubated with rabbit anti-

BIRC5 antigen affinity purified monoclonal antibody (Catalog

M00379-1) at 1:500 overnight at 4°C, then washed with

TBS-0.1%Tween 3 times with 5 minutes each and probed

with a goat anti-rabbit IgG-HRP secondary antibody at a

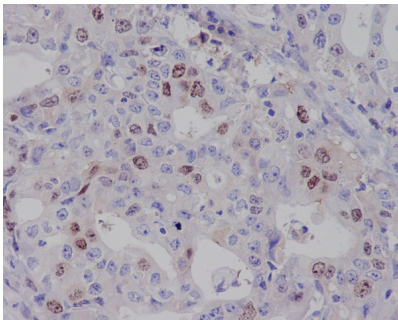
dilution of 1:5000 for 1.5 hour at RT. The signal is developed

using an Enhanced Chemiluminescent detection (ECL) kit

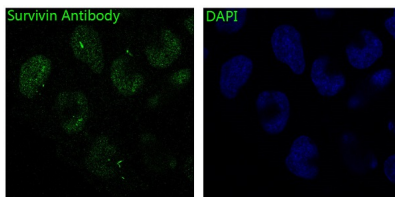
(Catalog # EK1002) with Tanon 5200 system. A specific

band was detected for BIRC5 at approximately 16 kDa. The

expected band size for BIRC5 is at 16 kDa.

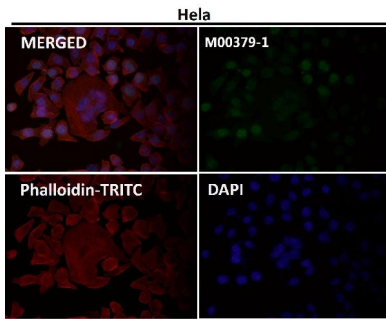


Immunohistochemical analysis of paraffin-embedded human gastric carcinoma, using Survivin Antibody.



Immunofluorescent analysis of HeLa cells, using Survivin Antibody .

Immunofluorescent analysis using the Antibody at 1:50 dilution.



3 Publications Citing This Product

1. PubMed ID: 25333250, Chen Xm, Xie Xb, Zhao Q, Wang F, Bai Y, Yin Jq, Jiang H, Xie Xl, Jia Q, Huang G. Mol Med Rep. 2015 Jan;11(1):105-12. Doi: 10.3892/Mmr.2014.2733. Epub 2014 Oct 21. Ampelopsin Induces Apoptosis By Regulating Multiple C-Myc/S-Phase Kinase-Associated ...
2. PubMed ID: 27420945, Increased survivin expression and its association with clinical parameters of congenital choledochal cysts
3. PubMed ID: 26823716, Expression of livin, survivin and caspase-3 in prostatic cancer and their clinical significance

Visit bosterbio.com/anti-survivin-rabbit-monoclonal-antibody-m00379-1-boster.html to see all 3 publications.

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