

BIRC5 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4259
Host	Mouse
Isotype	Mouse IgG1
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human BIRC5 expressed in E. Coli.
Mol wt	16kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	API4;EPR-1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

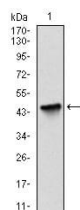
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

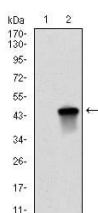
ELISA: 1:10000

Not yet tested in other applications.

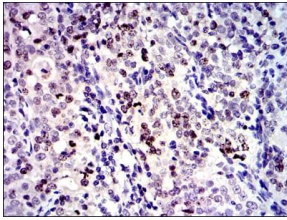
Images



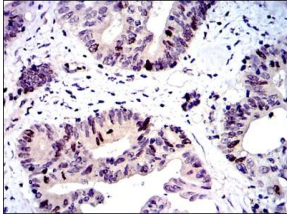
Western blot analysis using BIRC5 mAb against human BIRC5 (AA: 1-142) recombinant protein.
(Expected MW is 42 kDa)



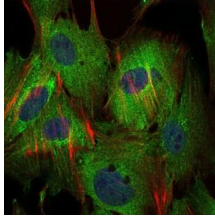
Western blot analysis using BIRC5 mAb against HEK293 (1) and BIRC5 (AA: 1-142)-hIgGfc transfected HEK293 (2) cell lysate.



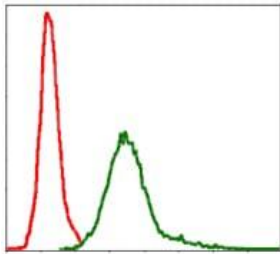
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using BIRC5 mouse mAb with DAB staining.



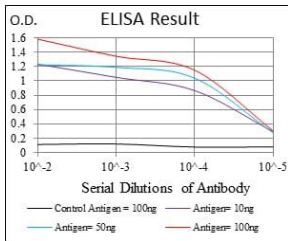
Immunohistochemical analysis of paraffin-embedded colon cancer tissues using BIRC5 mouse mAb with DAB staining.



Immunofluorescence analysis of MSCS cells using BIRC5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Flow cytometric analysis of Jurkat cells using BIRC5 mouse mAb (green) and negative control (red).



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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