

Anti-BIRC5 antibody

Cat. No.	ml221289
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-BIRC5 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human BIRC5
Reactivity	Human, Mouse, Rat
Content	0.2 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	BIRC5
Full name	baculoviral IAP repeat containing 5

Synonyms API4, EPR-1

Swissprot O15392

Target 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.

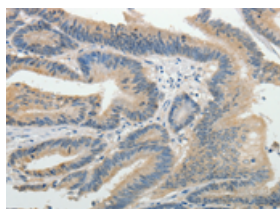
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human colon cancer

Recommended dilution: 25-100

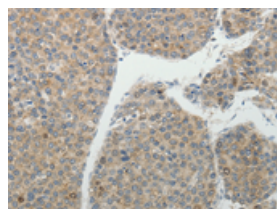


The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using ml221289(BIRC5 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml221289(BIRC5 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 16 kDa

Positive control: A431, Jurkat and hela cells

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

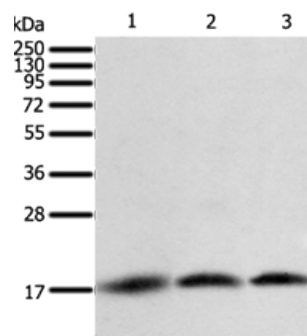
Lysate: 40 μ g

Lane 1-3: A431 cells, Jurkat cells, hela cells

Primary antibody: ml221289(BIRC5 Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 1000-5000

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