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Datasheet for ABIN6243063
anti-BIRC6 antibody (AA 4810-4844)

2 Images

Overview

Quantity:	200 µL
Target:	BIRC6
Binding Specificity:	AA 4810-4844
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BIRC6 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	This BIRC6 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 4810-4844 amino acids from human BIRC6.
Clone:	RB56699
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	BIRC6
Alternative Name:	BIRC6 (BIRC6 Products)
Background:	Anti-apoptotic protein which can regulate cell death by controlling caspases and by acting as

Target Details

an E3 ubiquitin-protein ligase. Has an unusual ubiquitin conjugation system in that it could combine in a single polypeptide, ubiquitin conjugating (E2) with ubiquitin ligase (E3) activity, forming a chimeric E2/E3 ubiquitin ligase. Its targets include CASP9 and DIABLO/SMAC. Acts as an inhibitor of CASP3, CASP7 and CASP9. Important regulator for the final stages of cytokinesis. Crucial for normal vesicle targeting to the site of abscission, but also for the integrity of the midbody and the midbody ring, and its striking ubiquitin modification.

Molecular Weight: 530255

UniProt: [Q9NR09](#)

Application Details

Application Notes: WB: 1:1000. FC: 1:25

Restrictions: For Research Use only

Handling

Format: Liquid

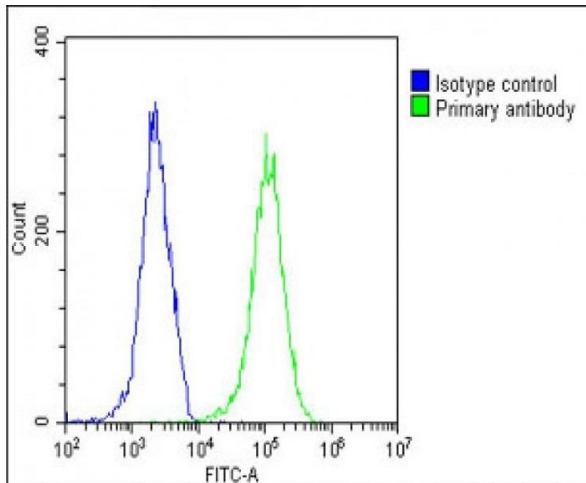
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

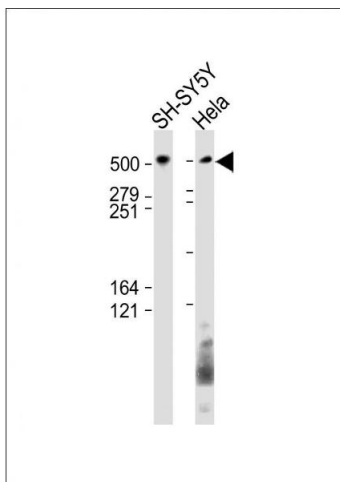
Storage: 4 °C, -20 °C

Expiry Date: 6 months



Flow Cytometry

Image 1. Overlay histogram showing HeLa cells stained with (ABIN6243063 and ABIN6578802)(green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody ((ABIN6243063 and ABIN6578802), 1:25 dilution) for 60 min at 37 °C. The secondary antibody used was Goat Anti-Rabbit IgG, DyLight® 488 Conjugated Highly Cross-Adsorbed(OE188374) at 1/200 dilution for 40 min at 37 °C. Isotype control antibody (blue line) was rabbit IgG1 (1 μ g/ 1×10^6 cells) used under the same conditions. Acquisition of >10,000 events was performed.



Western Blotting

Image 2. All lanes : Anti-BIRC6 Antibody (C-Term) at 1:1000 dilution Lane 1: SH-SY5Y whole cell lysate Lane 2: HeLa whole cell lysate Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 530 kDa Blocking/Dilution buffer: 5% NFDN/TBST.