

BIRC6 polyclonal antibody

Catalog: BS32694

Host: Rabbit

Reactivity: Human

BackGround:

Dual E2 ubiquitin-conjugating enzyme/E3 ubiquitin-protein ligase BIRC6: Anti-apoptotic protein known as inhibitor of apoptosis (IAP) which can regulate cell death by controlling caspases and by acting as an E3 ubiquitin-protein ligase. Unlike most IAPs, does not contain a RING domain and it is not a RING-type E3 ligase. Instead acts as a dual E2/E3 enzyme that combines ubiquitin conjugating (E2) and ubiquitin ligase (E3) activities in a single polypeptide. Ubiquitination is mediated by a non-canonical E1 ubiquitin activating enzyme UBA6. Ubiquitinates CASP3, CASP7 and CASP9 and inhibits their caspase activity; also ubiquitinates their procaspases but to a weaker extent. Ubiquitinates pro-apoptotic factors DIABLO/SMAC and HTRA2. DIABLO/SMAC antagonizes the caspase inhibition activity of BIRC6 by competing for the same binding sites as the caspases. Ubiquitinates the autophagy protein MAP1LC3B; this activity is also inhibited by DIABLO/SMAC. Importa...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~530 kDa

Swiss-Prot:

Q9NR09

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), FC (1/10 - 1/30)

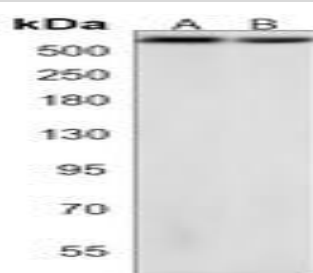
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

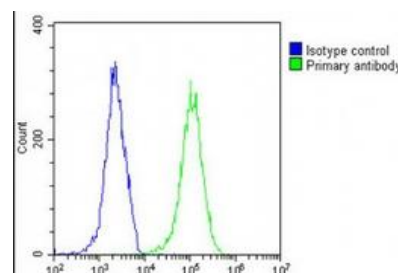
Specificity:

Recognizes endogenous levels of BIRC6 protein.

DATA:



Immunohistochemical analysis of CD79a staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Note:

For research use only, not for use in diagnostic procedure.

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