Datasheet for ABIN5611131

anti-BTRC antibody (AA 24-151)

7 Images

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Overview

Quantity:	0.1 mg
Target:	BTRC
Binding Specificity:	AA 24-151
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human BTRC (AA: 24-151) expressed in E. coli.
Clone:	4C5D8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	BTRC
Alternative Name:	BTRC (BTRC Products)
Background:	Description: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in

Target Details

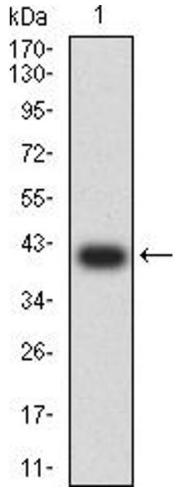
	phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbws class, in addition to an F-box, this protein contains multiple WD-40 repeats. The encoded protein mediates degradation of CD4 via its interaction with HIV-1 Vpu. It has also been shown to ubiquitinate phosphorylated NFKBIA (nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha), targeting it for degradation and thus activating nuclear factor kappa-B. Alternatively spliced transcript variants have been described. A related pseudogene exists in chromosome 6. Aliases: FWD1, FBW1A, FBXW1, bTrCP, FBXW1A, bTrCP1, betaTrCP, BETA-TRCP
Molecular Weight:	68.9 kDa
Gene ID:	8945
HGNC:	8945
Pathways:	Cell Division Cycle, Hedgehog Signaling

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

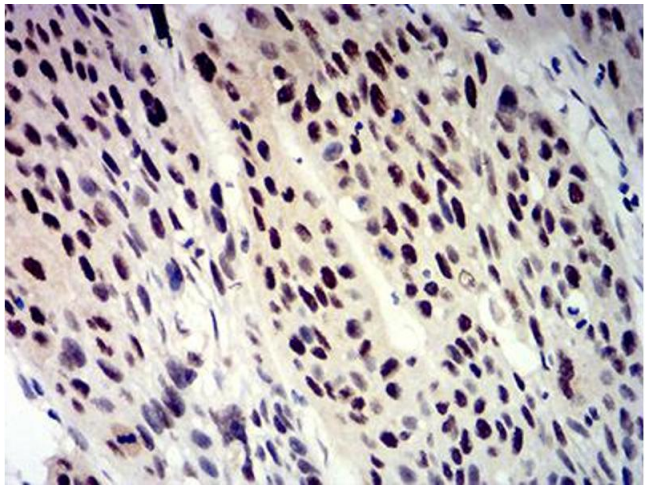
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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
Storage Comment:	4°C, -20°C for long term storage



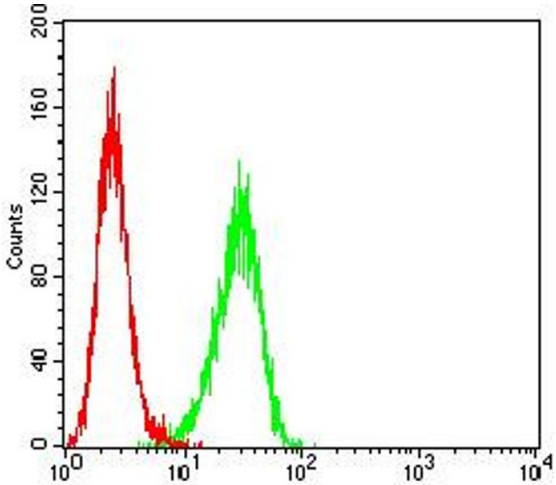
Western Blotting

Image 1. Western blot analysis using BTRC mAb against human BTRC (AA: 24-151) recombinant protein. (Expected MW is 40.2 kDa)



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using BTRC mouse mAb with DAB staining.



Flow Cytometry

Image 3. Flow cytometric analysis of Hela cells using BTRC mouse mAb (green) and negative control (red).

Please check the product details page for more images. Overall 7 images are available for ABIN5611131.