Datasheet for ABIN653475

anti-FANCC antibody (C-Term)

4 Images

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Overview

Quantity:	400 µL
Target:	FANCC
Binding Specificity:	AA 527-555, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FANCC antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This FANCC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 527-555 amino acids from the C-terminal region of human FANCC.
Clone:	RB24076
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	FANCC
Alternative Name:	FANCC (FANCC Products)

Target Details

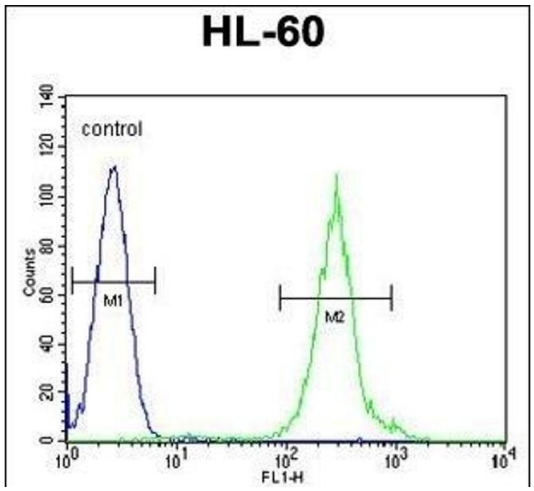
Background:	The Fanconi anemia complementation group (FANC) currently includes FANCA, FANCB, FANCC, FANCD1 (also called BRCA2), FANCD2, FANCE, FANCF, FANCG, FANCI, FANCJ (also called BRIP1), FANCL, FANCM and FANCN (also called PALB2). The previously defined group FANCH is the same as FANCA. Fanconi anemia is a genetically heterogeneous recessive disorder characterized by cytogenetic instability, hypersensitivity to DNA crosslinking agents, increased chromosomal breakage, and defective DNA repair. The members of the Fanconi anemia complementation group do not share sequence similarity, they are related by their assembly into a common nuclear protein complex. This protein is for complementation group C.
Molecular Weight:	63429
Gene ID:	2176
NCBI Accession:	NP_000127, NP_001230672
UniProt:	Q00597
Pathways:	DNA Damage Repair

Application Details

Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

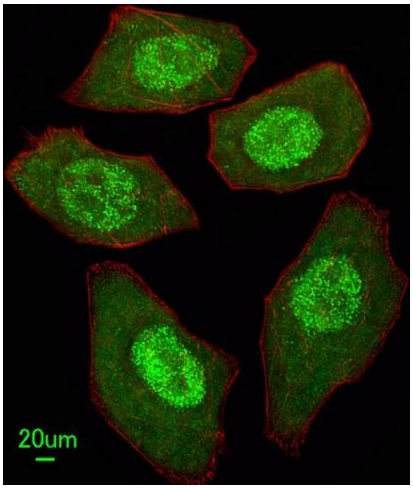
Handling

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
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



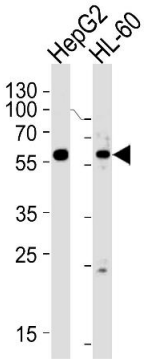
Flow Cytometry

Image 1. FANCC Antibody (C-term) (ABIN653475 and ABIN2842896) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Immunofluorescence

Image 2. Immunofluorescent analysis of cells, using FANCC Antibody (C-term) (ABIN653475 and ABIN2842896). (ABIN653475 and ABIN2842896) was diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DI was used to stain the cell nuclear (blue).



Western Blotting

Image 3. Western blot analysis of lysates from HepG2,HL-60 cell line (from left to right),using FANCC Antibody (C-term) (ABIN653475 and ABIN2842896). (ABIN653475 and ABIN2842896) was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody.Lysates at 35 µg per lane.

Please check the product details page for more images. Overall 4 images are available for ABIN653475.