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Product datasheet for TA811744

FANCC Mouse Monoclonal Antibody [Clone ID: OTI11B2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI11B2
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-284 of human FANCC (NP_000127) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63.2 kDa
Gene Name:	Fanconi anemia complementation group C
Database Link:	NP_000127 Entrez Gene 2176 Human Q00597

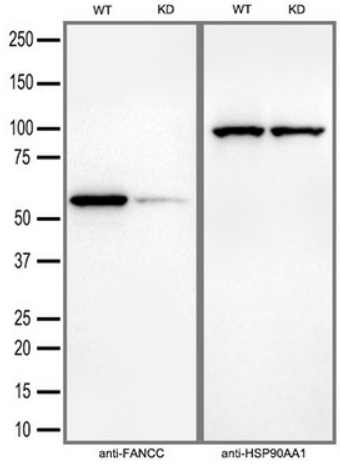
View online »

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 gene encodes the protein for complementation group C. [provided by RefSeq, Jul 2008]

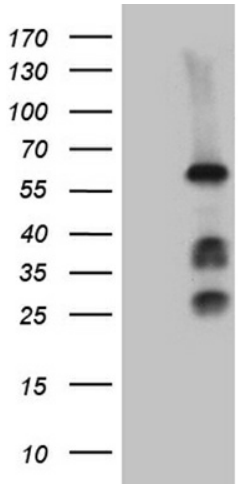
Synonyms: FA3; FAC; FACC

Protein Families: Druggable Genome

Product images:



Equivalent amounts of cell lysates (30 ug per lane) of wild-type HeLa cells (WT) and FANCC-Knockdown HeLa cells (KD) were separated by SDS-PAGE and immunoblotted with anti-FANCC monoclonal antibody TA811744 (1:2500). Then the blotted membrane was stripped and reprobed with anti-HSP90AA1 antibody as a loading control.



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FANCC (Cat# [RC204871], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FANCC (Cat# TA811744)(1:2000). Positive lysates [LY424908] (100ug) and [LC424908] (20ug) can be purchased separately from OriGene.