



FANCI mouse mAb

Catalog No	YP-mAb-19434
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	FANCI KIAA1794
Immunogen	Synthesized peptide derived from human FANCI. AA range:678-778
Specificity	This antibody detects endogenous levels of FANCI at Human, Mouse,Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal,Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	FANCI KIAA1794;Fanconi anemia group I protein (Protein FACI)
Observed Band	
Calculated Molecular Weight	146kD
Cell Pathway	Nucleus . Cytoplasm . Observed in spots localized in pairs on the sister chromatids of mitotic chromosome arms and not centromeres , one on each chromatids. These foci coincide with common fragile sites. They are frequently interlinked through BLM-associated ultra-fine DNA bridges.
Tissue Specificity	
Function	Plays an essential role in the repair of DNA double-strand breaks by homologous recombination and in the repair of interstrand DNA cross-links (ICLs) by promoting FANCD2 monoubiquitination by FANCL and participating in recruitment to DNA repair sites. Required for maintenance of chromosomal stability. Specifically binds branched DNA: binds both single-stranded DNA (ssDNA) and double-stranded DNA (dsDNA) . Participates in S phase and G2 phase checkpoint activation upon DNA damage.
Background	
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images