ARG62662
anti-XPF antibody [51]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [51] recognizes XPF
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	51
Isotype	IgG2b, kappa
Target Name	XPF
Species	Human
Immunogen	Recombinant full length protein (Human).
Conjugation	Un-conjugated
Alternate Names	DNA repair protein complementing XP-F cells; Xeroderma pigmentosum group F-complementing protein; FANCQ; XPF; EC 3.1.-.-; DNA repair endonuclease XPF; ERCC11; RAD1; DNA excision repair protein ERCC-4

Application Instructions

Application Note	WB: use a concentration of 1 - 2 µg/ml * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	MCF-7 cells

Properties

Form	Liquid
Purification	Protein A purified
Buffer	10mM PBS (pH 7.4), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2072 Human Swiss-port # Q92889 Human
Gene Symbol	ERCC4
Gene Full Name	excision repair cross-complementation group 4
Background	XPF/ERCC4 is suggested to play a role in the repair of DNA double-strand breaks (DSB), homologous recombination, and gene conversion via single-strand annealing (SSA). XPF/ERCC4 is an endonuclease that incises 5-prime DNA. Defects in XPF/ERCC4 cause xeroderma pigmentosum VI (XP6) an autosomal recessive disease characterized by hypersensitivity to sunlight and a predisposition to skin cancer as well as neurological abnormalities. Defects in XPF/ERCC4 are also responsible for XFE progeroid syndrome, a syndrome characterized by dwarfism, cachexia, and microcephaly.
Function	Catalytic component of a structure-specific DNA repair endonuclease responsible for the 5-prime incision during DNA repair. Involved in homologous recombination that assists in removing interstrand cross-link. [UniProt]
Research Area	Gene Regulation antibody
Calculated Mw	104 kDa
Cellular Localization	Nucleus