Mouse ERCC4 Monoclonal Antibody | anti-ERCC4 antibody

ERCC4 antibody

CATALOG #	HOST	APPLICATIONS
AAA106509	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

ERCC4; Monoclonal Antibody; ERCC4 antibody; Monoclonal ERCC4; Anti-ERCC4; Excision Repair Cross-Complementing Rodent Repair Deficiency Complementation Group 4; RAD1; XPF; ERCC 4; ERCC-4; anti-ERCC4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4 E11
Purity/Purification	ERCC4 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	916
Applicable Applications for anti-ERCC4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The protein encoded by this gene forms a complex with ERCC1 and is involved in the 5' incision made during nucleotide excision repair. This complex is a structure specific DNA repair endonuclease that interacts with EME1.
Cross-Reactivity	Human, Mouse
Immunogen	ERCC4 antibody was raised in mouse using a full length recombinant protein of human ERCC4 (NP_005227) produced in HEK293 cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant ERCC4 protein using ERCC4 antibody

IHC (Immunohiostchemistry)
Immunohistochemical analysis of ERCC4 protein in paraffin embedded Adenocarcinoma of Human colon tissue using ERCC4 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ERCC4 protein (Right) or empty vector (Left) detected with ERCC4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ERCC4 antibody	Mouse monoclonal ERCC4 antibody
Product Categories/Family for anti-ERCC4 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885217
NCBI GeneID	2072
NCBI Accession #	NP_005227
NCBI GenBank Nucleotide #	NM_005236.2
UniProt Accession #	Q92889; O00140; Q8TD83; A5PKV6; A8K111
Molecular Weight	42,745 Da
NCBI Official Full Name	DNA repair endonuclease XPF
NCBI Official Synonym Full Names	excision repair cross-complementation group 4
NCBI Official Symbol	ERCC4
NCBI Official Synonym Symbols	XPF; RAD1; FANCQ; ERCC11
NCBI Protein Information	DNA repair endonuclease XPF
UniProt Protein Name	DNA repair endonuclease XPF
UniProt Gene Name	**ERCC4**
UniProt Synonym Gene Names	ERCC11; XPF
UniProt Entry Name	XPF_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/ercc4-antibody-clone-4-e11-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/106509