

ERCC4 / XPF Antibody
Mouse Monoclonal Antibody
Catalog # ALS12513**Specification**

ERCC4 / XPF Antibody - Product Information

Application	IHC
Primary Accession	Q92889
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	104kDa KDa

ERCC4 / XPF Antibody - Additional Information**Gene ID** 2072**Other Names**

DNA repair endonuclease XPF, 3.1.-., DNA excision repair protein ERCC-4, DNA repair protein complementing XP-F cells, Xeroderma pigmentosum group F-complementing protein, ERCC4, ERCC11, XPF

Target/Specificity

Recognizes XPF. Species cross-reactivity: human.

Reconstitution & Storage

Long term: -20°C; Short term: +4°C. Avoid repeat freeze-thaw cycles.

Precautions

ERCC4 / XPF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

ERCC4 / XPF Antibody - Protein Information**Name** ERCC4 {ECO:0000303|PubMed:8887684, ECO:0000312|HGNC:HGNC:3436}**Function**

Catalytic component of a structure-specific DNA repair endonuclease responsible for the 5-prime incision during DNA repair, and which is essential for nucleotide excision repair (NER) and interstrand cross-link (ICL) repair.

Cellular Location

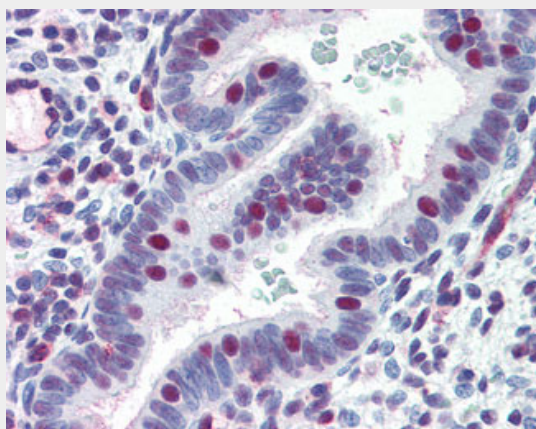
Nucleus. Chromosome. Note=Localizes to sites of DNA damage

ERCC4 / XPF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ERCC4 / XPF Antibody - Images



Anti-ERCC4 / XPF antibody IHC of human uterus.

ERCC4 / XPF Antibody - Background

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.

ERCC4 / XPF Antibody - References

Brookman K.W., et al. Mol. Cell. Biol. 16:6553-6562(1996).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Martin J., et al. Nature 432:988-994(2004).
Sijbers A.M., et al. Cell 86:811-822(1996).
Cleaver J.E., et al. Hum. Mutat. 14:9-22(1999).