

### **ERCC4 Antibody (Center) Blocking peptide**

Synthetic peptide Catalog # BP5681c

#### **Specification**

### **ERCC4 Antibody (Center) Blocking peptide - Product Information**

Primary Accession Q92889
Other Accession NP\_005227.1

### **ERCC4** Antibody (Center) Blocking peptide - Additional Information

#### **Gene ID 2072**

#### **Other Names**

DNA repair endonuclease XPF, 31--, DNA excision repair protein ERCC-4, DNA repair protein complementing XP-F cells, Xeroderma pigmentosum group F-complementing protein, ERCC4, ERCC11, XPF

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

## **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

#### **ERCC4** Antibody (Center) Blocking peptide - 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 Antibody (Center) Blocking peptide - Protocols**

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

## • Blocking Peptides

# **ERCC4 Antibody (Center) Blocking peptide - Images**



# ERCC4 Antibody (Center) Blocking peptide - Background

The protein encoded by this gene forms a complex with ERCC1 and is involved in the 5' incision made during nucleotideexcision repair. This complex is a structure specific DNA repairendonuclease that interacts with EME1. Defects in this gene are acause of xeroderma pigmentosum complementation group F (XP-F), orxeroderma pigmentosum VI (XP6).

# **ERCC4 Antibody (Center) Blocking peptide - References**

Sijbers, A.M., et al. Cell 86(5):811-822(1996)Park, C.H., et al. J. Biol. Chem. 270(39):22657-22660(1995)Park, C.H., et al. Proc. Natl. Acad. Sci. U.S.A. 91(11):5017-5021(1994)Liu, P., et al. Mutagenesis 8(3):199-205(1993)