

DNA 切除修复蛋白 1 单克隆抗体

产品货号： mlR33445

英文名称： ERCC1

中文名称： DNA 切除修复蛋白 1 单克隆抗体

别名： Excision Repair Cross Complementing 1; DNA excision repair protein ERCC-1; COFS4; UV20; DNA excision repair protein ERCC1; ERCC 1; Excision Repair Cross Complementing Rodent Repair Deficiency Complementation Group 1; Excision repair protein; UV 20; UV20;DNA excision repair protein ERCC-1.

研究领域： 肿瘤 细胞生物 免疫学

抗体来源： Mouse

克隆类型： Monoclonal

克隆号： 2A4

交叉反应： Human,

产品应用： WB=1:500-2000

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 36kDa

细胞定位： 细胞核

性状： Lyophilized or Liquid

浓度： 1mg/ml

免疫原： KLH conjugated synthetic peptide derived from human ERCC1:

亚 型 : IgG1

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

PubMed : PubMed

产品介绍 : The product of this gene functions in the nucleotide excision repair pathway, and is required for the repair of DNA lesions such as those induced by UV light or formed by electrophilic compounds including cisplatin. The encoded protein forms a heterodimer with the XPF endonuclease (also known as ERCC4), and the heterodimeric endonuclease catalyzes the 5' incision in the process of excising the DNA lesion. The heterodimeric endonuclease is also involved in recombinational DNA repair and in the repair of inter-strand crosslinks. Mutations in this gene result in cerebrooculofacioskeletal syndrome, and polymorphisms that alter expression of this gene may play a role in carcinogenesis. Multiple transcript variants encoding different isoforms have been found for this gene. The last exon of this gene overlaps with the CD3e molecule, epsilon associated protein gene on the opposite strand. [provided by RefSeq, Oct 2009]

Subunit:

Heterodimer composed of ERCC1 and XPF/ERCC4.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the ERCC1/RAD10/SWI10 family.

SWISS:

P07992

Gene ID:

2067

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

