

Anti-XPB Rabbit Monoclonal Antibody

Introduction

ATP-dependent 5'-3' DNA helicase, component of the core-TFIID basal transcription factor. Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the CDK-activating kinase (CAK) complex, composed of CDK7, cyclin H and MAT1, to the core-TFIID complex. Involved in the regulation of vitamin-D receptor activity.

Product parameters

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|--------------------|---|
| Alternative Names | BTF2 p80; COFS2; CXPB; EM9; ERCC2; MAG; TFIID p80; TTD; XPB; XPBC |
| Gene ID | 2068 |
| Gene Name | ERCC2 |
| SwissProt ID | P18074 |
| Host | Rabbit |
| Reactivity | Human |
| Molecular Weight | Calculated MW: 87 kDa; Observed MW: 75 kDa |
| Conjugation | Unconjugated |
| Ex | - |
| Em | - |
| Modification | Unmodified |
| Clonality | IgG |
| Isotype | Monoclonal Antibody |
| Clonality No. | AP-4B8H12 |
| Form | Liquid |
| Concentration | See label |
| Carrier | Carrier Free |
| Immunogen | A synthesized peptide derived from human XPB |
| Purification | Affinity Purified |
| Buffer System | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Application | WB, IHC-P, ICC/IF |
| Dilution Ratio | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| Research Field | Epigenetics and Nuclear Signaling |
| Product Categories | Primary antibody |

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|-----------------|----------------------------------|
| Shipping | Blue ice |
| Storage | -20°C |
| Expiration Date | 12 months |
| Note | Please avoid freeze-thaw cycles. |

Protocol



Configure the product according to the application range and recommended dilution ratio.

***Note:** The primary antibody dilution buffer options: WB - Primary Antibody Dilution Buffer (Cat. #: K1200, Not for HRP/AP conjugated antibodies), Immunostaining - Immunol Staining Primary Antibody Dilution Solution (Cat. #: K4655).

Note

1. This product is for scientific research use only.



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