
Product Name: XPD Rabbit Monoclonal antibody**Catalog #: AMRe02779**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Concentration	0.11mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purified

Application

Dilution Ratio	WB 1:500-1:1000,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 87 kDa; Observed MW: 80 kDa

Antigen Information

Gene Name	ERCC2
Alternative Names	BTF2 p80; COFS2; CXPB; EM9; ERCC2; MAG; TFIIH p80; TTD; XPD; XPDC
Gene ID	2068
SwissProt ID	P18074
Immunogen	A synthetic peptide of human XPD

Background

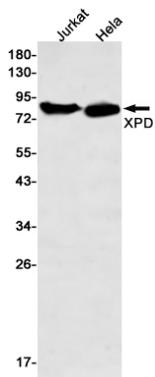
ATP-dependent 5'-3' DNA helicase, component of the core-TFIIH basal transcription factor. Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the

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.

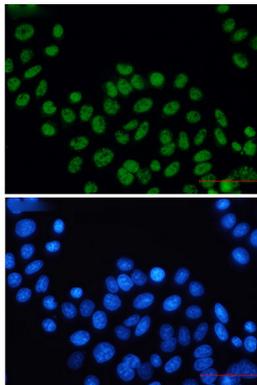
Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of XPD in Jurkat, HeLa lysates using XPD antibody.



Immunocytochemistry analysis of XPD (green) in HeLa using XPD antibody, and DAPI (blue)