

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



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## Summary

<b>Production Name</b>	XPD Rabbit Monoclonal Antibody
<b>Description</b>	Recombinant Rabbit Monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ICC/IF
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	ERCC2
<b>Alternative Names</b>	BTF2 p80; COFS2; CXPB; EM9; ERCC2; MAG; TFIIF p80; TTD; XPD; XPDC
<b>Gene ID</b>	2068
<b>SwissProt ID</b>	P18074

## Application

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

## Background

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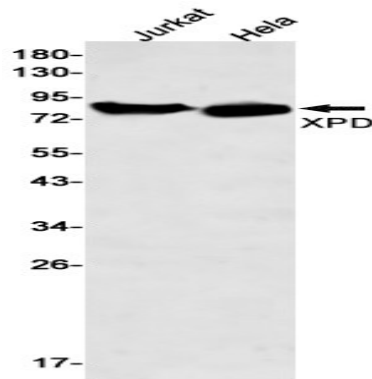


ATP-dependent 5'-3' DNA helicase, component of the core-TFIIH basal transcription factor. Involved in nucleotide excision repair (NER) of DNA by opening DNA around the damage, and in RNA transcription by RNA polymerase II by anchoring the CDK-activating kinase (CAK) complex, composed of CDK7, cyclin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

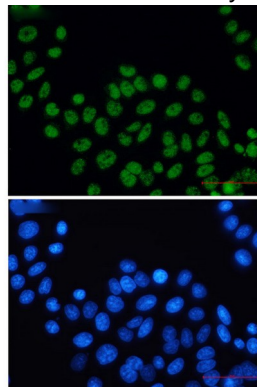
## Research Area

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)

## Note

For research use only.