

# Product Datasheet

## **ERCC1 Antibody (CL1284) - BSA Free** **NBP2-34480**

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-34480**

ERCC1 Antibody (CL1284) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL1284
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

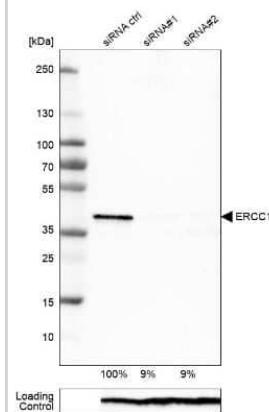
<b>Description</b>	Novus Biologicals Mouse ERCC1 Antibody (CL1284) - BSA Free (NBP2-34480) is a monoclonal antibody validated for use in IHC, WB and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2067
<b>Gene Symbol</b>	ERCC1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P07992, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

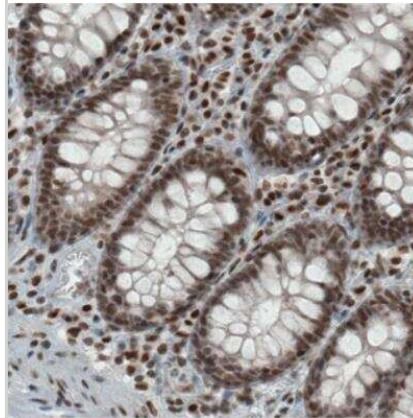
<b>Applications</b>	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Simple Western 1:60, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See <a href="#">Simple Western Antibody Database</a> for Simple Western validation: Tested in RT4, separated by Size, antibody dilution of 1:60, apparent MW was 46 kDa

## Images

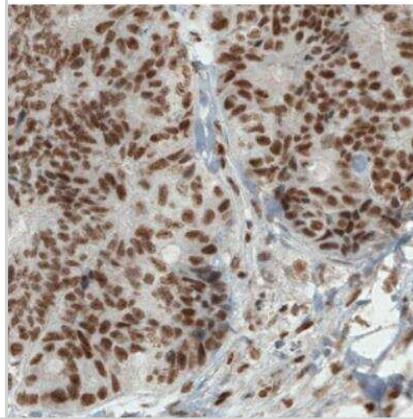
Western Blot: ERCC1 Antibody (CL1284) [NBP2-34480] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ERCC1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



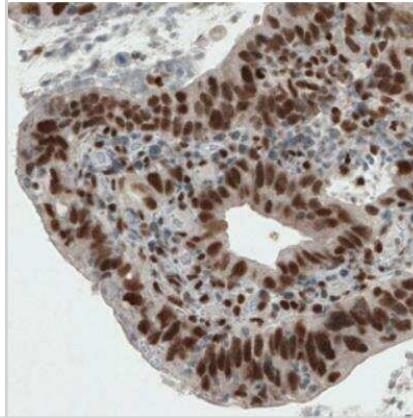
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human colon shows nuclear immunoreactivity in both glandular and lymphoid cells.



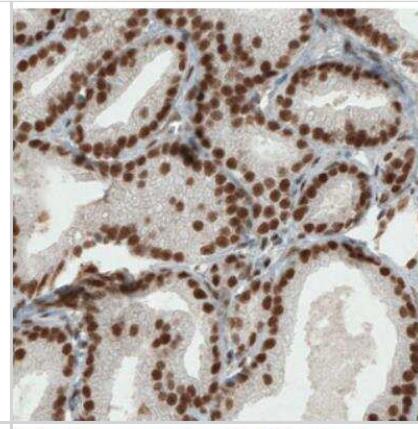
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human colorectal cancer shows strong nuclear immunoreactivity in tumor cells.



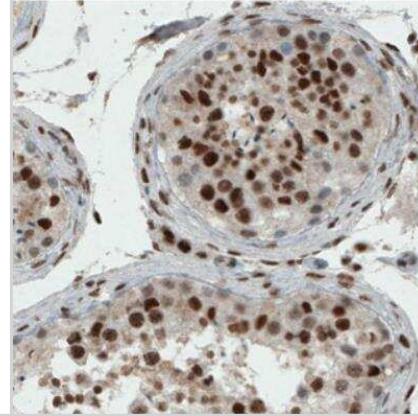
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human ventricular cancer shows strong nuclear positivity in tumor cells.



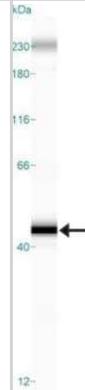
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human prostate cancer shows strong nuclear immunoreactivity in tumor cells.



Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human testis shows strong nuclear positivity in seminiferous tubules.



Simple Western: ERCC1 Antibody (CL1284) [NBP2-34480] - Simple Western lane view shows a specific band for ADARB1 in 0.2 mg/ml of RT-4, U-251MG sp lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system. \*Non-specific interaction with the 230 kDa standard may be seen with this antibody.





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## Products Related to NBP2-34480

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-98981-50ug	Recombinant Human ERCC1 His Protein

## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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