

# 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

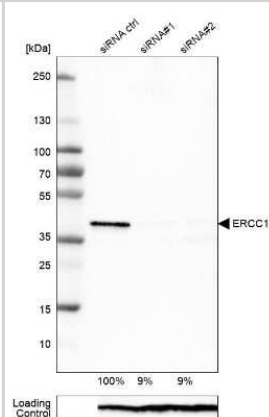
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL1284
Preservative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

Product Description	
Description	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.
Host	Mouse
Gene ID	2067
Gene Symbol	ERCC1
Species	Human
Reactivity Notes	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
Immunogen	This antibody was developed using a recombinant protein derived from P07992, with the exact immunogen sequence remaining proprietary.

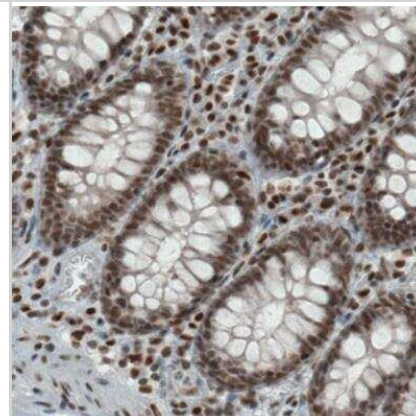
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Immunohistochemistry, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Simple Western 1:60, Immunohistochemistry 1:200 - 1:500, Immunohistochemistry-Paraffin 1:200 - 1:500, Knockdown Validated
Application Notes	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

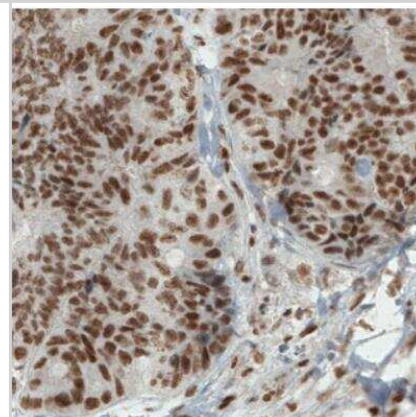
Western Blot: ERCC1 Antibody (CL1284) [NBP2-34480] - Analysis in U-251MG cells transfected with control siRNA, target specific siRNA probe #1 and #2, using Anti-ERCC1 antibody. Remaining relative intensity is presented. Loading control: Anti-PPIB.



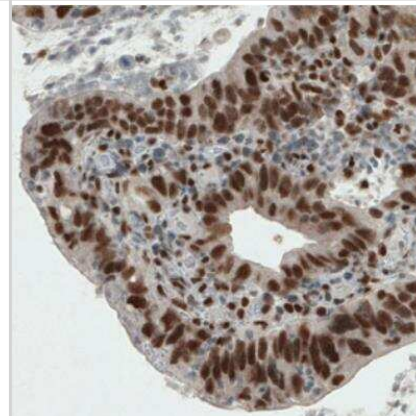
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human colon shows nuclear immunoreactivity in both glandular and lymphoid cells.



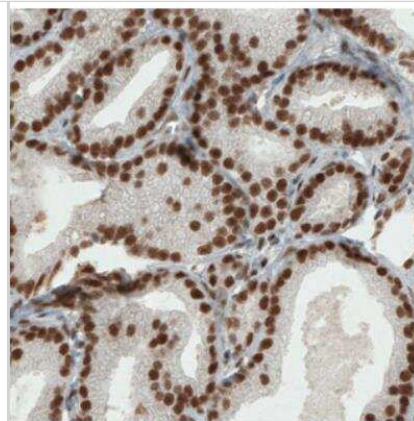
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human colorectal cancer shows strong nuclear immunoreactivity in tumor cells.



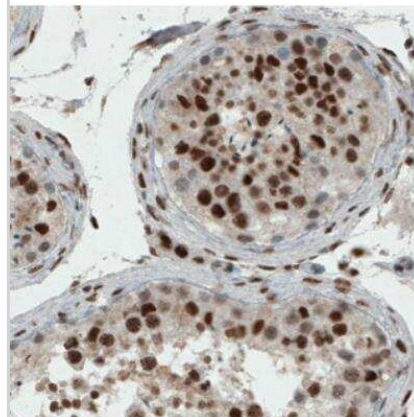
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human ventricular cancer shows strong nuclear positivity in tumor cells.



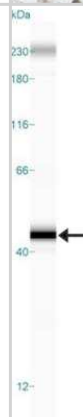
Immunohistochemistry-Paraffin: ERCC1 Antibody (CL1284) [NBP2-34480] - Staining of human prostate cancer shows strong nuclear immunoreactivity in tumor cells.



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**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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