

# Product Datasheet

## FANCD2 Antibody (1290D) - Azide and BSA Free NBP2-80729

Unit Size: 0.1 mg

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

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**NBP2-80729**

FANCD2 Antibody (1290D) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1290D
Preservative	No Preservative
Isotype	IgG
Purity	Protein A or G purified from cell culture supernatant
Buffer	PBS
Target Molecular Weight	164.1 kDa

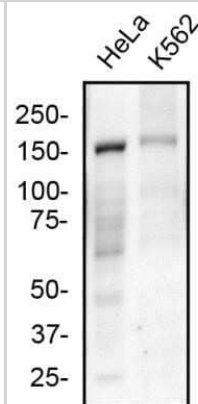
Product Description	
Description	Novus Biologicals Knockout (KO) Validated Rabbit FANCD2 Antibody (1290D) - Azide and BSA Free (NBP2-54808) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and Simple Western. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	2177
Gene Symbol	FANCD2
Species	Human
Immunogen	This FANCD2 Antibody (1290D) - Azide and BSA Free was developed against human FANCD2 fusion protein (N-terminal fragment). [Swiss-Prot #Q9BXW9]

Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry-Paraffin, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, CyTOF-ready, Knockout Validated
Recommended Dilutions	Western Blot 0.1 - 0.5 ug/ml, Simple Western 1 ug/ml, Flow Cytometry 1 ug/ml, Immunohistochemistry 5-10 ug/ml, Immunohistochemistry-Paraffin 5-10 ug/ml, Flow (Intracellular), CyTOF-ready, Knockout Validated

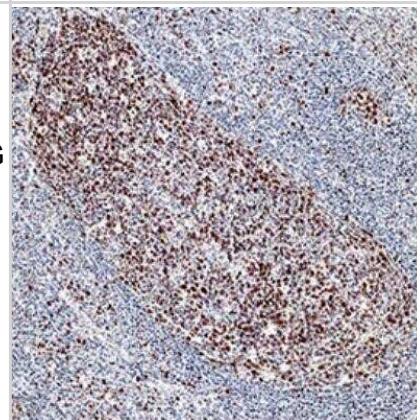


## Images

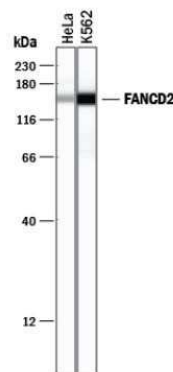
Western Blot: FANCD2 Antibody (1290D) - Azide and BSA Free [NBP2-80729] - Total protein from HeLa and K562 cells (Molecular weight: 164.1 kDa) was separated on a 7.5% gel by SDS-PAGE, transferred to PVDF membrane and blocked in 5% non-fat milk in TBST. The membrane was probed with 0.1 ug/ml FANCD2 Antibody (1290D) (catalog number NBP2-54808) in blocking buffer and detected with an anti-rabbit HRP secondary antibody using chemiluminescence. Image from the standard format of this antibody.



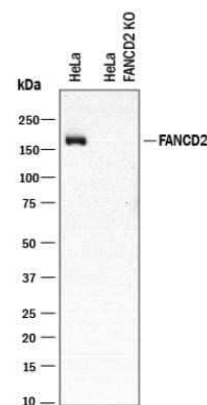
Immunohistochemistry-Paraffin: FANCD2 Antibody (1290D) - Azide and BSA Free [NBP2-80729] - FANCD2 was detected in immersion fixed paraffin-embedded sections of human tonsil using Rabbit Anti-Human FANCD2 Antibody (1290D) (Catalog # NBP2-54808) at 5 ug/mL for 1 hour at room temperature followed by incubation with the Anti-Rabbit IgG VisUCyte(TM)



Simple Western: FANCD2 Antibody (1290D) - Azide and BSA Free [NBP2-80729] - Detection of Human FANCD2 by Simple Western using FANCD2 Antibody (1290D) in HeLa and K562 cell lysate. Image from the standard format of this antibody.



Western Blot: FANCD2 Antibody (1290D) - Azide and BSA Free [NBP2-80729] - Western blot shows lysates of HeLa human cervical epithelial carcinoma parental cell line and FANCD2 knockout (KO) HeLa cell line. PVDF membrane was probed with 0.1 ug/mL of Rabbit Monoclonal (Catalog # NBP2-54808) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog #HAF008). Specific band was detected for FANCD2 at approximately 150 kDa (as indicated) in the parental HeLa cell line, but is not detectable in the knockout HeLa cell line. This experiment was conducted under reducing conditions. Image from the standard format of this antibody.





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### **Products Related to NBP2-80729**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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