

# Product Datasheet

## XRCC2 Antibody (2H4) - Azide and BSA Free H00007516-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00007516-M01**

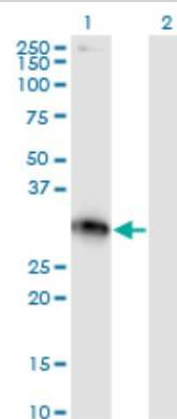
XRCC2 Antibody (2H4) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2H4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	7516
Gene Symbol	XRCC2
Species	Human
Specificity/Sensitivity	XRCC2 - X-ray repair complementing defective repair in Chinese hamster cells 2 (2H4)
Immunogen	XRCC2 (AAH42137, 1 a.a. ~ 280 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MCSAFHRAESGTELLARLEGRSSLKEIEPNLFADEDSPVHGDILEFHGPEGTGK TEMLYHLTARCILPKSEGGLEVEVLFDITDYHFDMLRLVTILEHRLSQSSEEIIKY CLGRFFLVYCSSLTHLLTLYSLESMFCSHPSLCLLILDSLSAFYWIDRVNGGES VNLQESTLRKCSQCLEKLVNDYRLVLFATTQTIMQKASSSSEEPSHASRRLCD VDIDYRPYLCKAWQQLVKHRMFFSKQDDSQSSNQFSLVSRCLKSNSLKKHFFII GESGVEFC
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control.

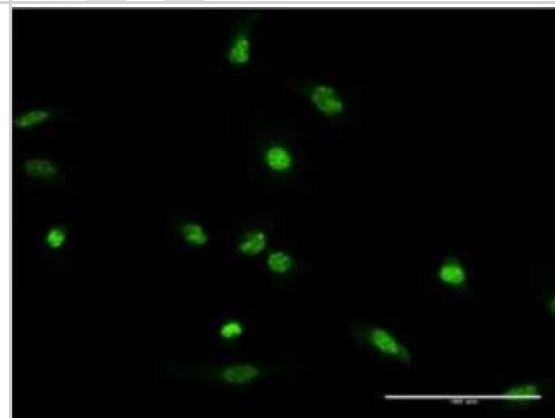


## Images

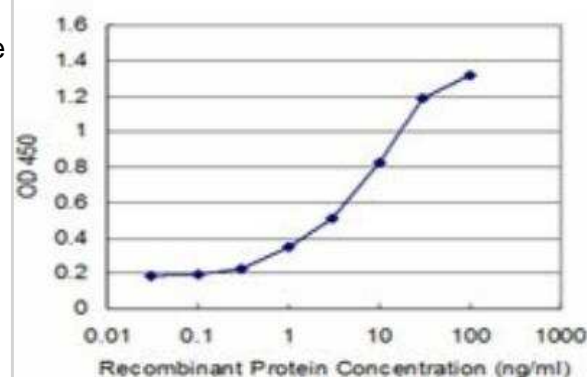
Western Blot: XRCC2 Antibody (2H4) [H00007516-M01] - Analysis of XRCC2 expression in transfected 293T cell line by XRCC2 monoclonal antibody (M01), clone 2H4. Lane 1: XRCC2 transfected lysate(32 KDa). Lane 2: Non-transfected lysate.



Immunocytochemistry/Immunofluorescence: XRCC2 Antibody (2H4) [H00007516-M01] - Analysis of monoclonal antibody to XRCC2 on HeLa cell . Antibody concentration 10 ug/ml.



ELISA: XRCC2 Antibody (2H4) [H00007516-M01] - Detection limit for recombinant GST tagged XRCC2 is approximately 0.3ng/ml as a capture antibody.



## Publications

Shammas MA, Shmookler Reis RJ, Koley H et al. Dysfunctional homologous recombination mediates genomic instability progression in myeloma. Blood 2009;113(10):2290-2297 [PMID: 19050310]



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### **Products Related to H00007516-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00007516-P01-10ug	Recombinant Human XRCC2 GST (N-Term) 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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