

Product Datasheet

ERCC6L Antibody (3F12-2B10) - Azide and BSA Free H00054821-M01

Unit Size: 0.1 mg

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

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Publications: 7

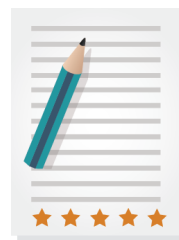
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H00054821-M01

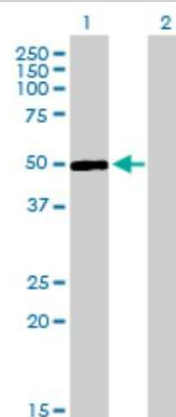
ERCC6L Antibody (3F12-2B10) - Azide and BSA Free

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	3F12-2B10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Novus Biologicals Mouse ERCC6L Antibody (3F12-2B10) - Azide and BSA Free (H00054821-M01) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-ERCC6L Antibody: Cited in 7 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	54821
Gene Symbol	ERCC6L
Species	Human
Specificity/Sensitivity	FLJ20105 - FLJ20105 protein
Immunogen	ERCC6L (AAH08808, 1 a.a. ~ 419 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MEKSFATKNEAVQKETLQEGPKQEALQEDPLESFNYVLSKSTKADIGPNLDQL KDDEILRHCPWPPIISITNESQNAESNVSIIEIADDLSASHSALQDAQASEAKLEE EPSASSPQYACDFNLFLEDSADNRQNFSSQSLEHVEKENSLCGSAPNSRAGF VHSKTCLSWEFSEKDDPEEVVVKAKIRSKARRIVSDGEDEDDSFKDTSSINPF NTSLFQFSSVKQFDASTPKNDISPPGRFFSSQIPSSVNKSMNSRRSLASRRSLI NMVLDHVEDMEERLDDSSSEAKGPEDYPEEGVEESSGEASKYTEEDPSGETLS SENKSSWLMTSKPSALAQETSLGAPEPLSGEQLVGSPQDKAAEATNDYETLVK RGKELKECGKIQEALNCLVKALDIKSADPEVMLLTSLYKQLNNN
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 1:500, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against recombinant protein with GST tag on ELISA and Western Blot. GST tag alone is used as a negative control. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID : 28904335).

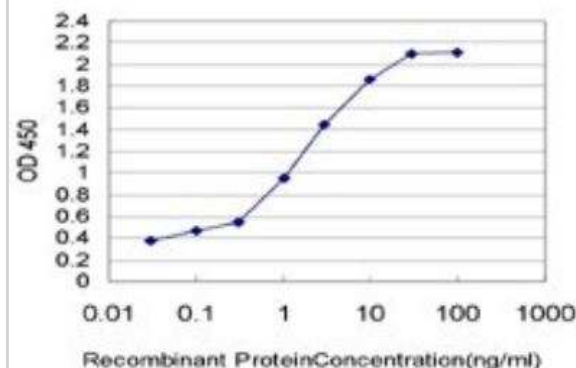


Images

Western Blot: ERCC6L Antibody (3F12-2B10) [H00054821-M01] - Analysis of ERCC6L expression in transfected 293T cell line by ERCC6L monoclonal antibody (M01), clone 3F12-2B10. Lane 1: ERCC6L transfected lysate(46.2 KDa). Lane 2: Non-transfected lysate.



ELISA: ERCC6L Antibody (3F12-2B10) [H00054821-M01] - Detection limit for recombinant GST tagged ERCC6L is approximately 0.03ng/ml as a capture antibody.



Publications

Gemble S, Buhagiar-LabarchEde G, Onclercq-Delic R et al. Topoisomerase II alpha prevents ultrafine anaphase bridges by two mechanisms Open Biol 2020-05-01 [PMID: 32400307]

Yan G, Shitian Z, Daizhao D et al. Loss of RanGAP1 drives chromosome instability and rapid tumorigenesis of osteosarcoma. Dev Cell. 2023-01-24 [PMID: 36696903]

Bou Samra E, Buhagiar-Labarchede G, Machon C et al. A role for Tau protein in maintaining ribosomal DNA stability and cytidine deaminase-deficient cell survival. Nat Commun 2017-09-25 [PMID: 28947735]

Feng W, Jasin M. BRCA2 suppresses replication stress-induced mitotic and G1 abnormalities through homologous recombination Nat Commun 2017-09-13 [PMID: 28904335] (ICC/IF, Human)

Gemble S, Buhagiar-Labarchede G, Onclercq-Delic R et al. A balanced pyrimidine pool is required for optimal Chk1 activation to prevent ultrafine anaphase bridge formation. J Cell Sci 2016-07-06 [PMID: 27383768]

Leng M, Bessuso D, Jung SY et al. Targeting Plk1 to chromosome arms and regulating chromosome compaction by the PICH ATPase. Cell Cycle. 2009-05-15 [PMID: 18418076]

Kurasawa Y, Yu-Lee LY. PICH and cotargeted Plk1 coordinately maintain prometaphase chromosome arm architecture. Mol Biol Cell 2010-04-01 [PMID: 20130082]



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Products Related to H00054821-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)
H00054821-P01-10ug	Recombinant Human ERCC6L 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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