

Product Datasheet

Rad23 Antibody (3C12) - Azide and BSA Free H00005886-M01

Unit Size: 0.1 mg

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

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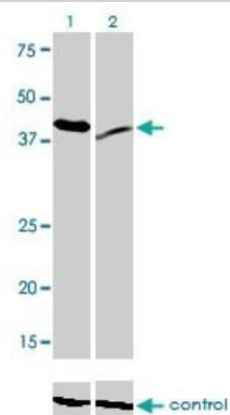
H00005886-M01

Rad23 Antibody (3C12) - Azide and BSA Free

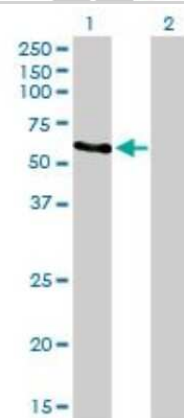
Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3C12
Preservative	No Preservative
Isotype	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	5886
Gene Symbol	RAD23A
Species	Human
Specificity/Sensitivity	RAD23A - RAD23 homolog A (<i>S. cerevisiae</i>)
Immunogen	RAD23A (AAH14026, 151 a.a. ~ 250 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EDAASLTVTGSEYETMLTEIMSMGYERERVVAALRASYNPHRAVEYLLTGIPG SPEPEHGSVQESQVSEQPATEAAGENPLEFLRDQPQFQNMQRQVIQQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Sandwich ELISA, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Sandwich ELISA, Knockdown Validated
Application Notes	Antibody reactivity against recombinant protein for WB. It has been used for RNAi Validation and ELISA.

Images

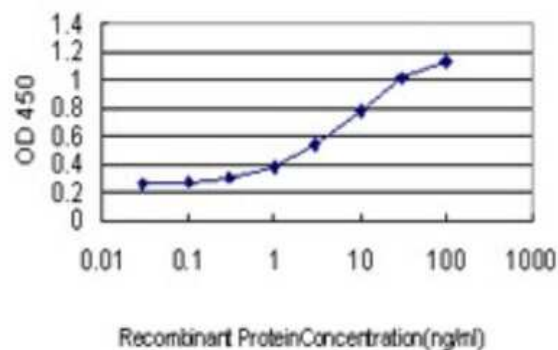
Western Blot: Rad23 Antibody (3C12) [H00005886-M01] - Analysis of RAD23A over-expressed 293 cell line, cotransfected with RAD23A Validated Chimera RNAi (Cat # H00005886-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with RAD23A monoclonal antibody (M01), clone 3C12 (Cat # H00005886-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: Rad23 Antibody (3C12) [H00005886-M01] - Analysis of RAD23A expression in transfected 293T cell line by RAD23A monoclonal antibody (M01), clone 3C12. Lane 1: RAD23A transfected lysate (39.6 KDa). Lane 2: Non-transfected lysate.



Sandwich ELISA: Rad23 Antibody (3C12) [H00005886-M01] - Detection limit for recombinant GST tagged RAD23A is approximately 0.03ng/ml as a capture antibody.



Publications

Bang-Hung L, Tein-Ming Y, Chih-Jou H et al. DNA repair proteins as the targets for paroxetine to induce cytotoxicity in gastric cancer cell AGS. *Am J Cancer Res* . 2022-04-15 [PMID: 35530295]

Tan X, Wang HC, Liang RY, Chuang SM. Human Rad23A plays a regulatory role in autophagy. *Biochem Biophys Res Commun* 2016-09-30 [PMID: 27613096]

Shen YH, Chen BR, Cherng SH et al. Cisplatin transiently up-regulates hHR23 expression through enhanced translational efficiency in A549 adenocarcinoma cells. *Toxicol Lett*. 2011-07-02 [PMID: 21742020]

Tana X, Lianga RY, Chuang SM. hHR23A is required to control the basal turnover of Chk1. *Cell Signal*. 2015-08-18 [PMID: 26296656]



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Products Related to H00005886-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)
H00005886-P01-10ug	Recombinant Human Rad23 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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