

Product Datasheet

MxA/Mx1 Antibody H00004599-D01P

Unit Size: 0.1 mg

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

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H00004599-D01P

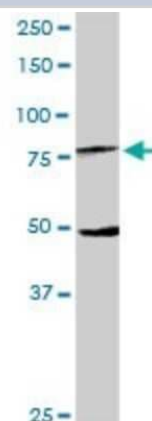
MxA/Mx1 Antibody

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	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Product Description	
Description	Quality control test: Antibody reactive against mammalian transfected lysate.
Host	Rabbit
Gene ID	4599
Gene Symbol	MX1
Species	Human
Specificity/Sensitivity	Reacts with myxovirus (influenza virus) resistance 1, interferon-inducible protein p78 (mouse).
Immunogen	MX1 (NP_002453.1, 1 a.a. - 662 a.a.) full-length human protein. M V V S E V D I A K A D P A A A S H P L L L N G D A T V A Q K N P G S V A E N N L C S Q Y E E K V R P C I D L I D S L R A L G V E Q D L A L P A I A V I G D Q S S G K S S V L E A L S G V A L P R G S G I V T R C P L V L K L K K L V N E D K W R G K V S Y Q D Y E I E I S D A S E V E K E I N K A Q N A I A G E G M G I S H E L I T L E I S S R D V P D L T L I D L P G I T R V A V G N Q P A D I G Y K I K T L I K K Y I Q R Q E T I S L V V V P S N V D I A T T E A L S M A Q E V D P E G D R T I G I L T K P D L V D K G T E D K V V D V V R N L V F H L K K G Y M I V K C R G Q Q E I Q D Q L S L S E A L Q R E K I F F E N H P Y F R D L L E E G K A T V P C L A E K L T S E L I T H I C K S L P L L E N Q I K E T H Q R I T E E L Q K Y G V D I P E D E N E K M F F L I D K I N A F N Q D I T A L M Q G E E T V G E E D I R L F T R L R H E F H K W S T I I E N N F Q E G H K I L S R K I Q K F E N Q Y R G R E L P G F V N Y R T F E T I V K Q Q I K A L E E P A V D M L H T V T D M V R L A F T D V S I K N F E E F F N L H R T A K S K I E D I R A E Q E R E G E K L I R L H F Q M E Q I V Y C Q D Q V Y R G A L Q K V R E K E L E E E K K K K S W D F G A F Q S S S A T D S S M E E I F Q H L M A Y H Q E A S K R I S S H I P L I I Q F F M L Q T Y G Q Q L Q K A M L Q L L Q D K D T Y S W L L K E R S D T S D K R K F L K E R L A R L T Q A R R R L A Q F P G
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, SDS-Page
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence, SDS-Page
Application Notes	Antibody reactivity against tissue and transfected lysate in WB, and as a detection antibody in ELISA. SDS-Page usage reported in scientific literature (PMID: 26507657).

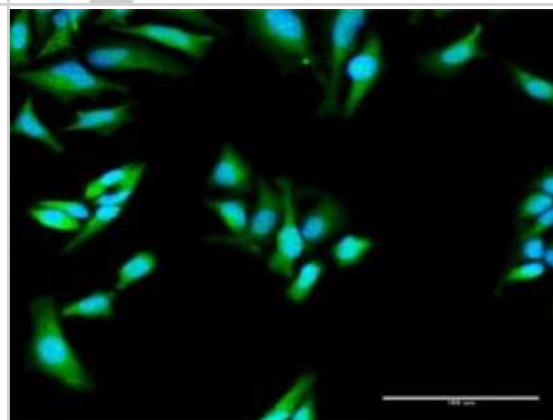


Images

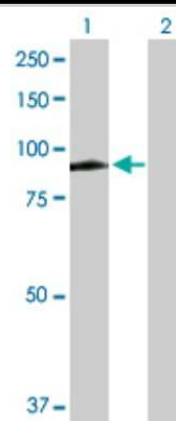
Western Blot: MxA/Mx1 Antibody [H00004599-D01P] - Analysis of MX1 expression in human kidney.



Immunocytochemistry/Immunofluorescence: MxA/Mx1 Antibody [H00004599-D01P] - Analysis of antibody to MX1 on HeLa cell. Antibody concentration 30 ug/ml.



Western Blot: MxA/Mx1 Antibody [H00004599-D01P] - Analysis of MX1 expression in transfected 293T cell line by MX1 polyclonal antibody. Lane 1: MX1 transfected lysate (75.50 KDa). Lane 2: Non-transfected lysate.



Publications

Moschonas G, Delhaye L, Cooreman R et al. MX2 restricts HIV-1 and herpes simplex virus-1 by forming cytoplasmic biomolecular condensates that mimic nuclear pore complexes bioRxiv 2023-06-24 (WB, Human)

Details:
Dilution 1:5000

Crameri M, Bauer M, Caduff N et al. MxB is an interferon-induced restriction factor of human herpesviruses Nat Commun 2018-05-17 [PMID: 29773792] (WB, Human)

Nigg PE, Pavlovic J. Oligomerization and GTP-binding requirements of MxA for viral target recognition and antiviral activity against influenza A virus. J. Biol. Chem. 2015-10-27 [PMID: 26507657] (WB, PAGE, Human)



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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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