

# Product Datasheet

## Aldolase A Antibody (3F9) - BSA Free NBP2-42620

Unit Size: 100 ul

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

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### Publications: 1

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**NBP2-42620**

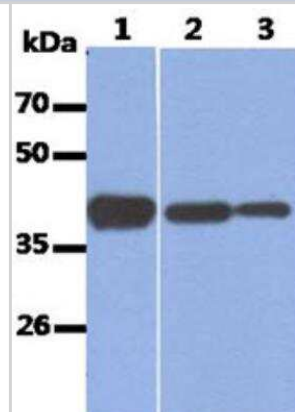
Aldolase A Antibody (3F9) - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3F9
Preservative	0.02% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A purified
Buffer	PBS (pH 7.4), 10% Glycerol
Product Description	
Description	Novus Biologicals Mouse Aldolase A Antibody (3F9) - BSA Free (NBP2-42620) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. Anti-Aldolase A Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	226
Gene Symbol	ALDOA
Species	Human, Mouse
Reactivity Notes	Use in Mouse reported in scientific literature (PMID:32681081).
Immunogen	Recombinant human Aldolase A (1-364aa) purified from E. coli
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence 1:100

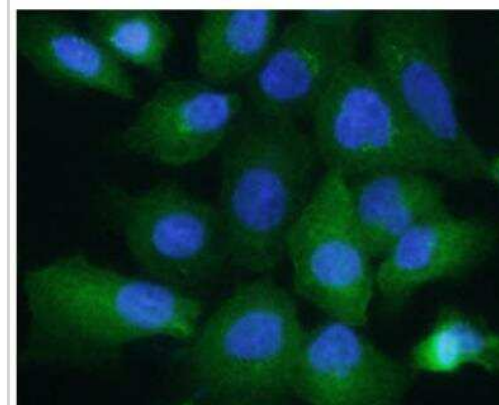


## Images

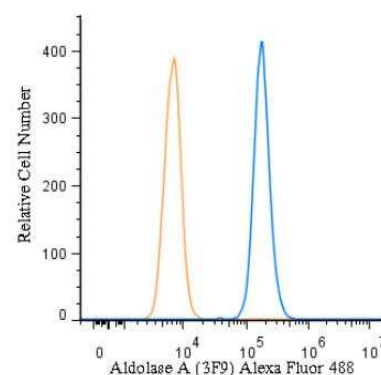
**Western Blot: Aldolase A Antibody (3F9) [NBP2-42620]** - The Recombinant Human ALDOA and Cell lysates (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human ALDOA antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant Human ALDOA Lane 2.: HeLa cell lysate Lane 3.: HepG2 cell lysate



**Immunocytochemistry/Immunofluorescence: Aldolase A Antibody (3F9) [NBP2-42620]** - Analysis of ALDOA in A549 cells, stained with DAPI (Blue) for nucleus staining and monoclonal anti-human A549 antibody (1:200) with goat anti-mouse IgG-Alexa fluor 488 conjugate (Green).

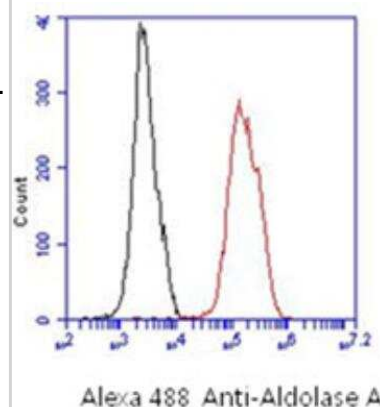


**Flow Cytometry: Aldolase A Antibody (3F9) [NBP2-42620]** - An intracellular stain was performed on HeLa cells with Aldolase A Antibody (3F9)NBP2-42620AF488 and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



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**Flow Cytometry: Aldolase A Antibody (3F9) [NBP2-42620]** - Analysis of ALDOA in A549 cell line, staining at 2-5ug for  $1 \times 10^6$  cells (red line). The secondary antibody used goat anti-mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was mouse IgG (black line).



## Publications

Cheung KCP, Fanti S, Mauro C et al. Preservation of microvascular barrier function requires CD31 receptor-induced metabolic reprogramming Nat Commun 2020-07-17 [PMID: 32681081] (ICC/IF, Human, Mouse)

Details:

Citation using the PE/Cy7 format of this antibody.





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### **Products Related to NBP2-42620**

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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)
NBP1-40395	Recombinant Human Aldolase A His Protein

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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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