

Product Datasheet

Argininosuccinate Synthase Antibody (11F1) NBP2-76941

Unit Size: 100 μ l

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

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NBP2-76941

Argininosuccinate Synthase Antibody (11F1)

Product Information

Unit Size	100 ul
Concentration	2 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11F1
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH7.4), 0.2% BSA, 50% Glycerol
Target Molecular Weight	47 kDa

Product Description

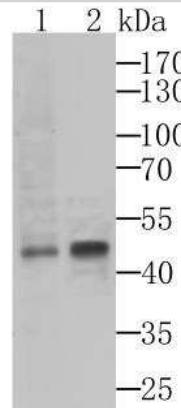
Host	Mouse
Gene Symbol	ASS1
Species	Human, Mouse
Reactivity Notes	Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-questions.
Immunogen	Recombinant protein within Human Argininosuccinate Synthase aa 1-412 / 412. (SwissProt: P00966 Human; SwissProt: P16460 Mouse)

Product Application Details

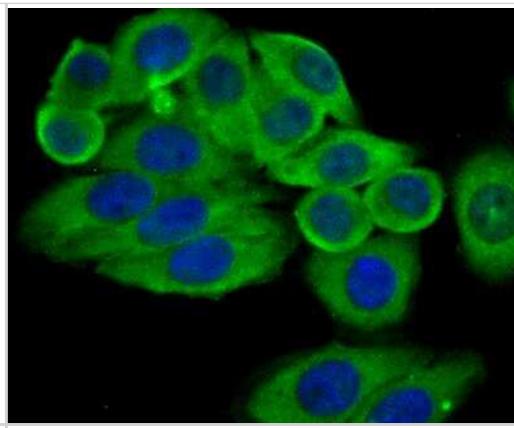
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

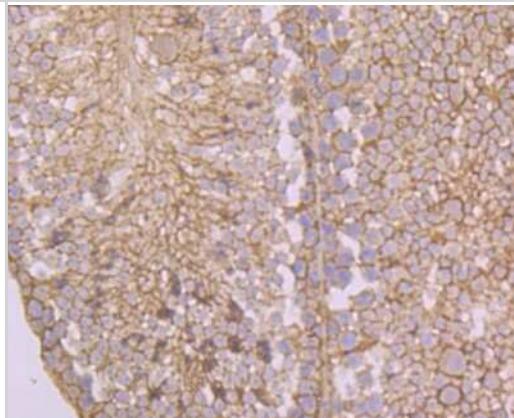
Western Blot: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - Western blot analysis of ASS1 on HepG2 (1) and SiHa (2) cell lysate using anti-ASS1 antibody at 1/1,000 dilution.



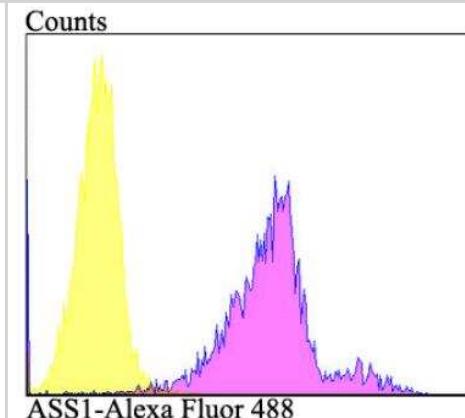
Immunocytochemistry/Immunofluorescence: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - ICC staining ASS1 (green) in HepG2 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



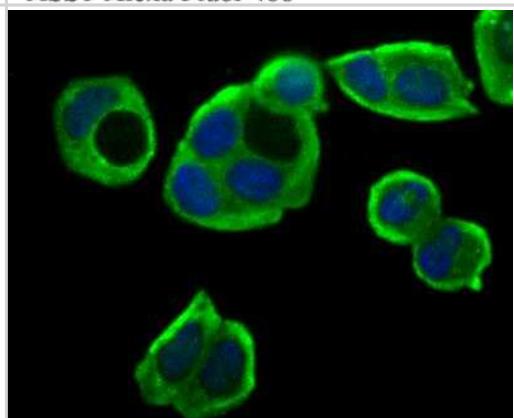
Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - Analysis of mouse testis tissue using anti-ASS1 antibody. Counter stained with hematoxylin.



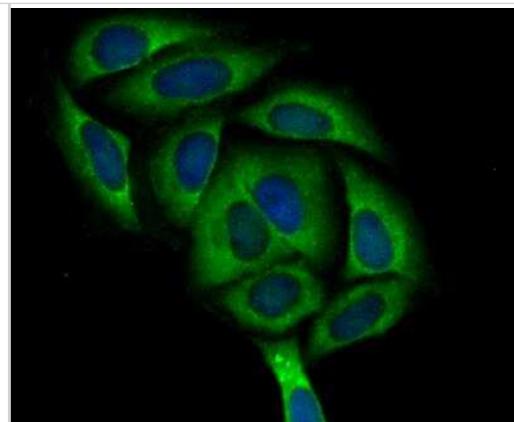
Flow Cytometry: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - Flow cytometric analysis of HepG2 cells with ASS1 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-mouse IgG was used as the secondary antibody.



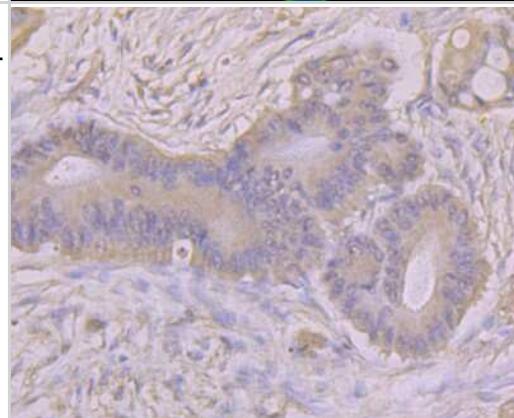
Immunocytochemistry/Immunofluorescence: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - ICC staining ASS1 (green) in MCF-7 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunocytochemistry/Immunofluorescence: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - ICC staining ASS1 (green) in SiHa cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Argininosuccinate Synthase Antibody (11F1) [NBP2-76941] - Analysis of human colon cancer tissue using anti-ASS1 antibody. Counter stained with hematoxylin.





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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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