

Product Datasheet

AIF Antibody (SZ05-01) NBP2-67366

Unit Size: 100 ul

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

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NBP2-67366

AIF Antibody (SZ05-01)

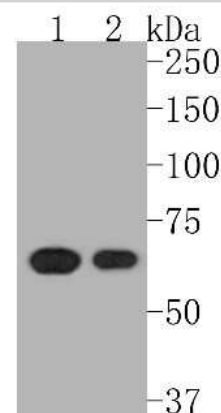
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SZ05-01
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Host	Rabbit
Gene Symbol	AIFM1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human AIF aa 502-551 / 613. (SwissProt: O95831 Human; SwissProt: Q9Z0X1 Mouse; SwissProt: Q9JM53 Rat)

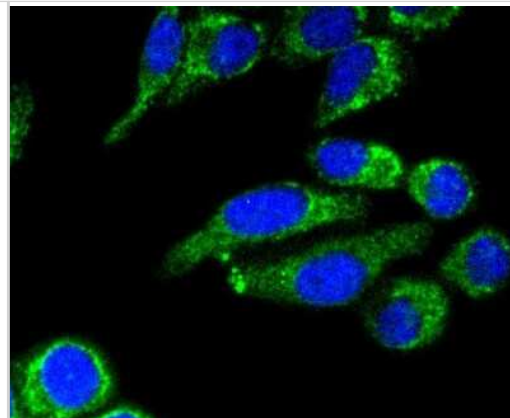
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:5000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:1000

Images

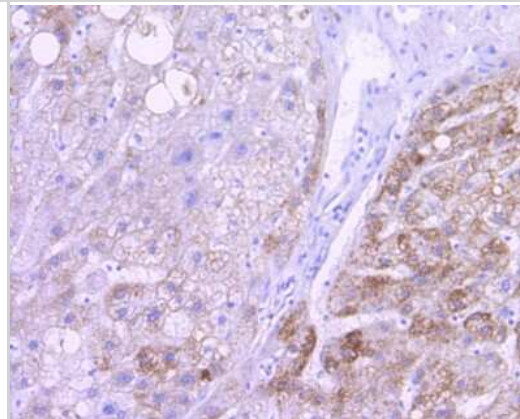
Western Blot: AIF Antibody (SZ05-01) [NBP2-67366] - Western blot analysis of AIF on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbi



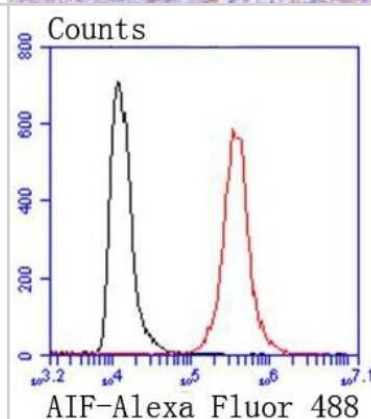
Immunocytochemistry/Immunofluorescence: AIF Antibody (SZ05-01) [NBP2-67366] - Staining AIF in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



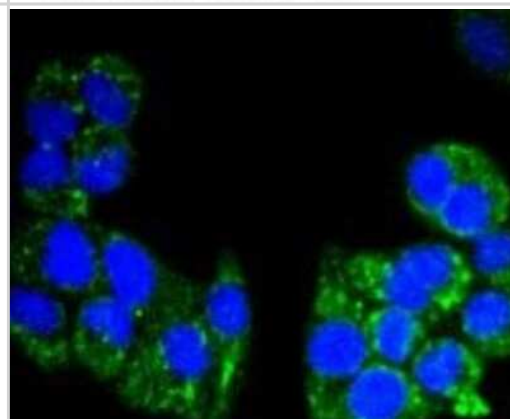
Immunohistochemistry-Paraffin: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of paraffin-embedded human liver tissue using anti-AIF antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



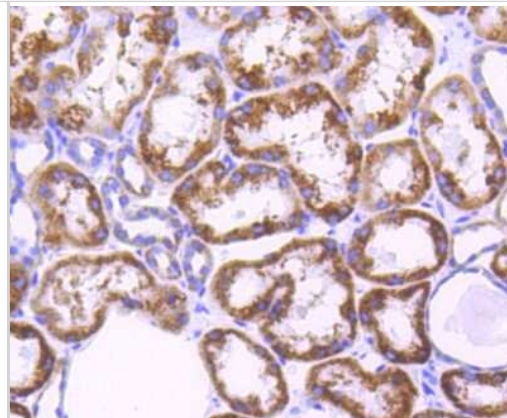
Flow Cytometry: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of HeLa cells with AIF antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



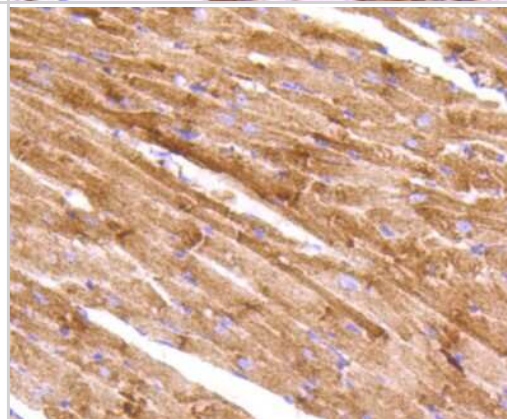
Immunocytochemistry/Immunofluorescence: AIF Antibody (SZ05-01) [NBP2-67366] - Staining AIF in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



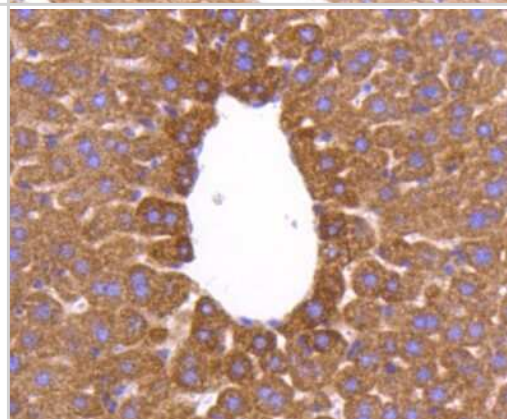
Immunohistochemistry-Paraffin: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of paraffin-embedded human kidney tissue using anti-AIF antibody. Counter stained with hematoxylin.



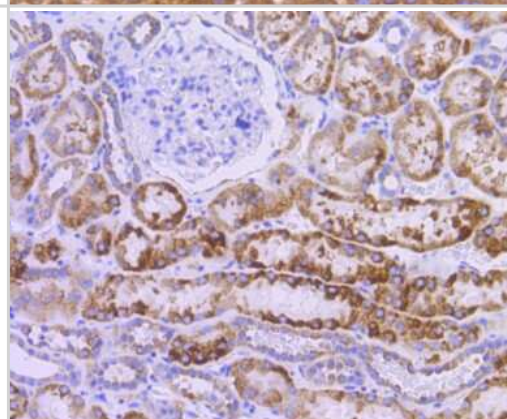
Immunohistochemistry-Paraffin: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of paraffin-embedded mouse heart tissue using anti-AIF antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of paraffin-embedded mouse liver tissue using anti-AIF antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: AIF Antibody (SZ05-01) [NBP2-67366] - Analysis of paraffin-embedded human kidney tissue using anti-AIF antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (1/200) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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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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