

Product Datasheet

AIF-1/Iba1 Antibody (JM36-62) NBP2-75397

Unit Size: 100 ul

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

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NBP2-75397

AIF-1/Iba1 Antibody (JM36-62)

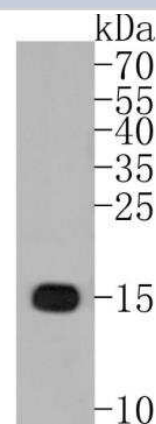
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM36-62
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol
Target Molecular Weight	17 kDa

Product Description	
Description	Novus Biologicals Rabbit AIF-1/Iba1 Antibody (JM36-62) (NBP2-75397) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	199
Gene Symbol	AIF1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within N-terminal human AIF-1/Iba1. (SwissProt: P55008 Human; SwissProt: O70200 Mouse; SwissProt: P55009 Rat)

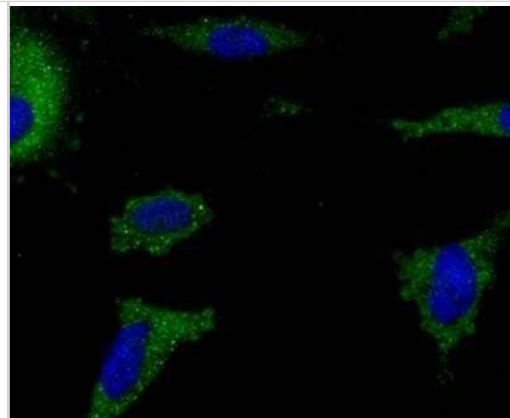
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:1000, Flow Cytometry 1:50-1:200, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:100-1:500, Immunohistochemistry-Frozen 1:50
Application Notes	IP: Use at an assay dependent concentration.

Images

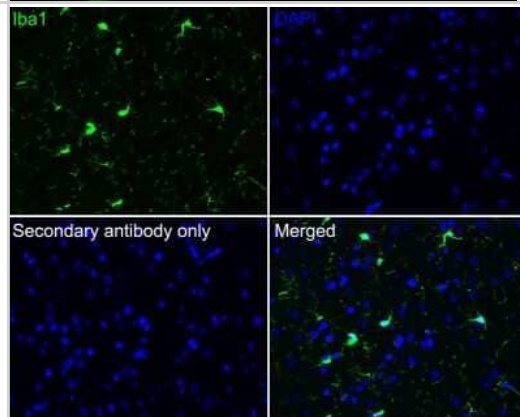
Western Blot: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of Iba1 on THP-1 cell lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1:500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5000 dilution was used for 1 hour at room temperature.



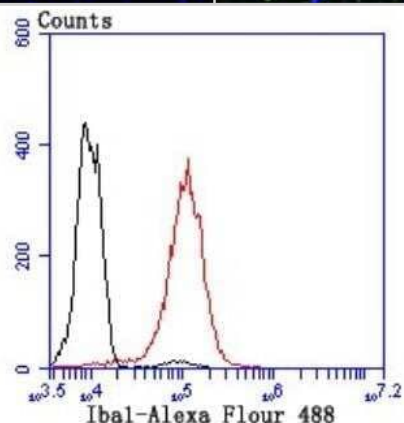
Immunocytochemistry/Immunofluorescence: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Staining AIF-1/Iba1 in SH-SY5Y cells using (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X-100, PBS.



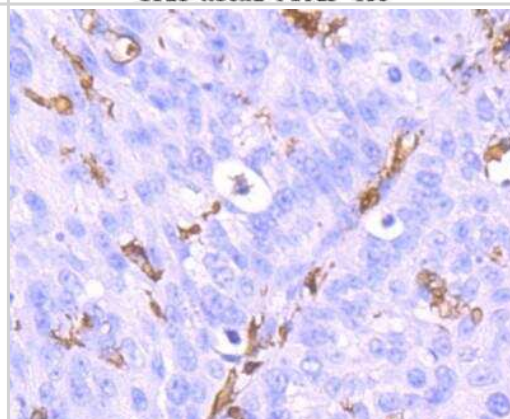
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Immunofluorescence analysis of paraffin-embedded rat brain tissue labeling Iba1 with Rabbit anti-AIF-1/Iba1 antibody washed with PBS, and then probed with the primary antibody (green) at 1/100 dilution overnight at 4 °C, washed with PBS. Goat Anti-Rabbit IgG H&L (iFluor(TM) 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).



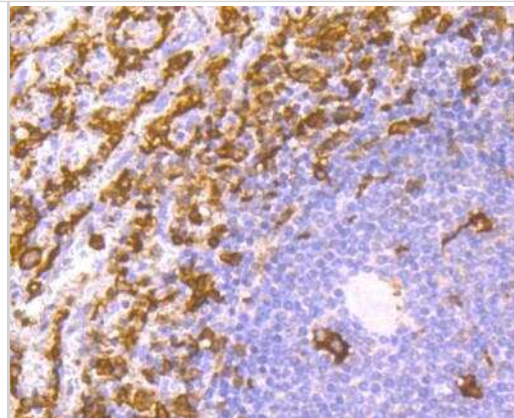
Flow Cytometry: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of THP-1 cells with AIF-1:Iba1 Antibody (JM36-62) at 1:100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



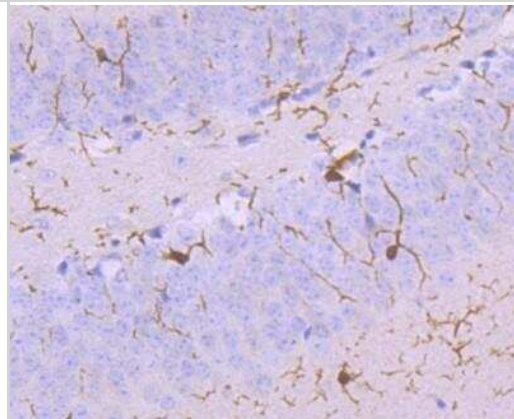
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded human lung cancer tissue using AIF-1/Iba1 Antibody (JM36-62). Counterstained with hematoxylin.



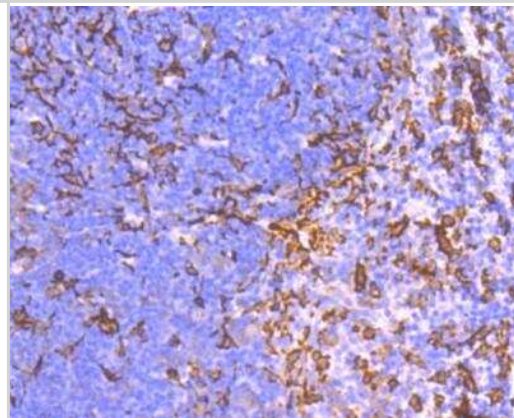
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded human spleen tissue using AIF-1/Iba1 Antibody (JM36-62). Counterstained with hematoxylin.



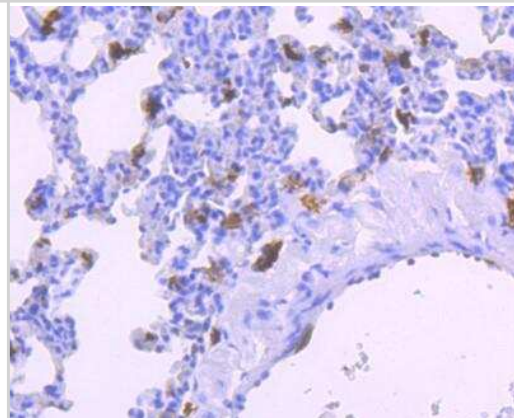
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded mouse brain tissue using AIF-1/Iba1 Antibody (JM36-62). Counterstained with hematoxylin.



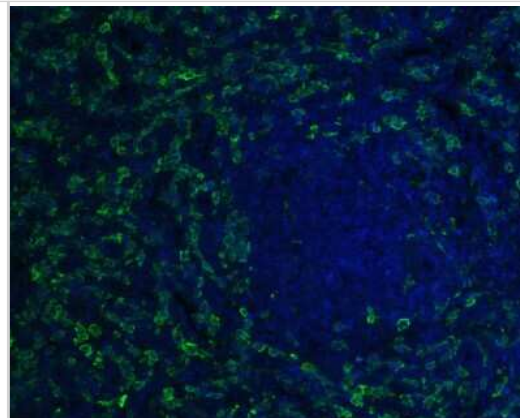
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded mouse spleen tissue using AIF-1/Iba1 Antibody (JM36-62). Counterstained with hematoxylin.



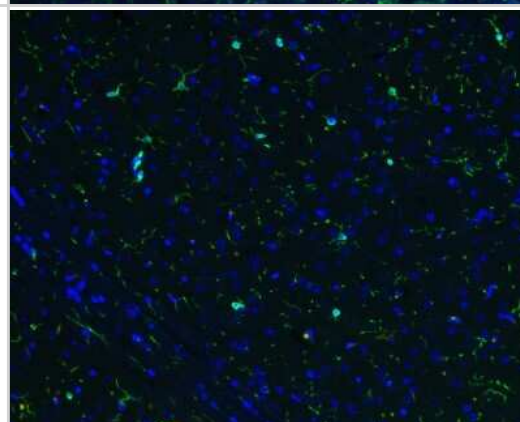
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded rat lung tissue using AIF-1/Iba1 Antibody (JM36-62). Counterstained with hematoxylin.



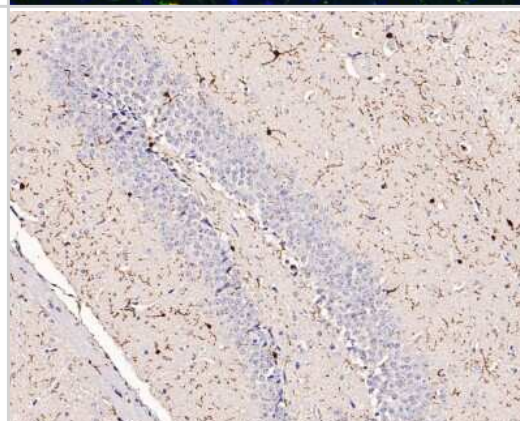
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Immunofluorescence staining of paraffin- embedded human spleen tissue using anti-AIF-1/Iba1 rabbit polyclonal antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. (sodium citrate buffer (pH6) for 20 mins.) The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with at 1/50 dilution for 10 hours at 4C and detected using Alexa Fluor(R) 488 conjugate-Goat anti-Rabbit IgG (H+L) Secondary Antibody at a dilution of 1:500 for 1 hour at room temperature.



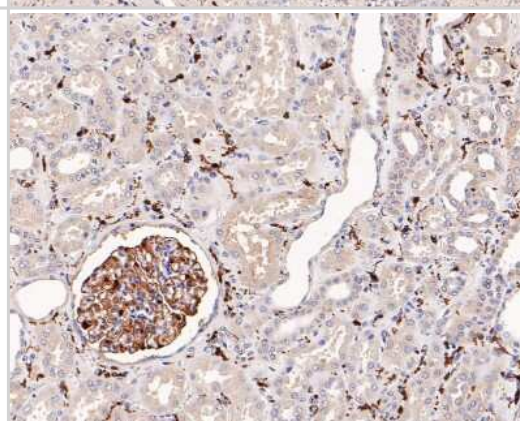
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Immunofluorescence staining of paraffin- embedded mouse brain tissue using anti-AIF-1/Iba1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with at 1/50 dilution for 10 hours at 4 and detected using Alexa Fluor(R) 488 conjugate-Goat anti-Rabbit IgG (H+L) Secondary Antibody at a dilution of 1:500 for 1 hour at room temperature.



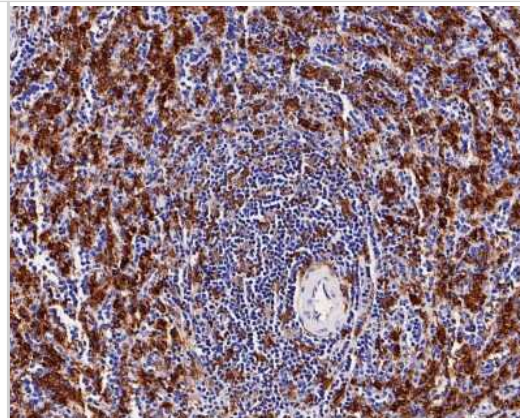
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded mouse hippocampus tissue with Rabbit anti-AIF-1/Iba1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody for 1 hour 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.



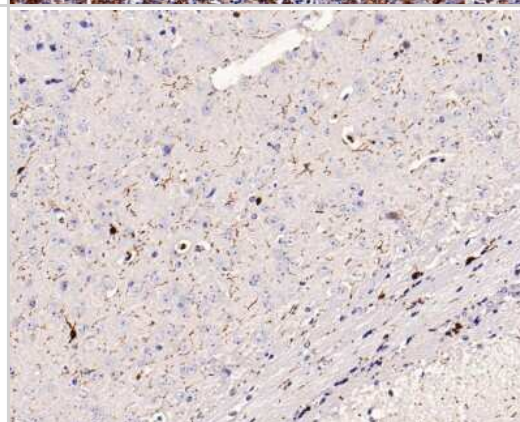
Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded human kidney tissue with Rabbit anti-AIF-1/Iba1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH2O and PBS, and then probed with the primary antibody for 1 hour 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.



Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded human spleen tissue with Rabbit anti-AIF-1/Iba1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour 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.



Immunohistochemistry-Paraffin: AIF-1/Iba1 Antibody (JM36-62) [NBP2-75397] - Analysis of paraffin-embedded mouse brain tissue with Rabbit anti-Iba1 antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody for 1 hour 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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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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