

## Product Datasheet

### AIF1/Iba1 Rabbit Polyclonal Antibody (orb10863)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb10863  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | AIF1/Iba1 Rabbit Polyclonal Antibody                                    |
| <b>Target</b>               | AIF1  |
| <b>Clonality</b>            | Polyclonal  |
| <b>Species/Host</b>         | Rabbit  |
| <b>Isotype</b>              | IgG   |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human, Mouse, Rat   |
| <b>Predicted Reactivity</b> | Mouse, Rat  |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Concentration</b>        | 1mg/ml  |
| <b>Buffer/Preservatives</b> | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.  |
| <b>Purification</b>         | Affinity purified by Protein A  |
| <b>Immunogen</b>            | KLH conjugated synthetic peptide derived from human Iba1 (51-147/147aa) |
| <b>UniProt ID</b>           | <b>P55008</b>   |
| <b>RRID</b>                 | AB_10751100   |
| <b>MW</b>                   | 16 kDa  |

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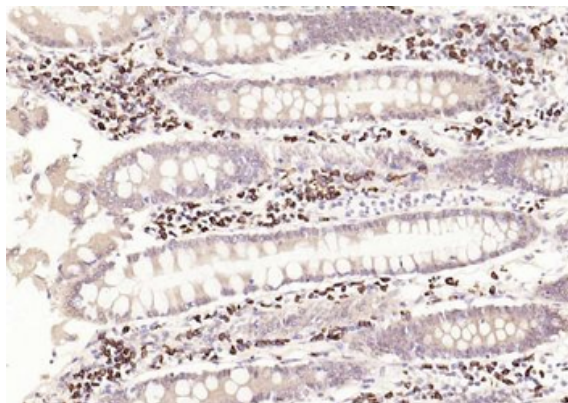
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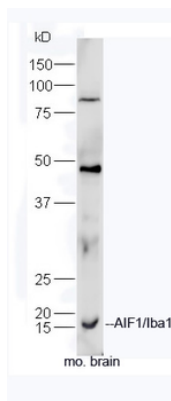
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|                            |   |
|----------------------------|---|
| <b>Tested applications</b> | IF, IHC-Fr, IHC-P, WB   |
| <b>Dilution range</b>      | WB=1:1000-2000, IHC-P=1:200-1000, IHC-F=1:200-1000, IF=1:200-1000   |
| <b>Antibody Type</b>       | Primary Antibody  |
| <b>Storage</b>             | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 12 months from date of receipt.   |



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (AIF1) Polyclonal Antibody, Unconjugated (orb10863) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Sample: Brain (Mouse) lysate at 30 ug, Primary: Anti-AIF1/Iba1 (orb10863) at 1:300 dilution, Secondary: HRP conjugated Goat Anti-rabbit IgG (orb572747) at 1:5000 dilution, Predicted band size: 16 kD, Observed band size: 16 kD.

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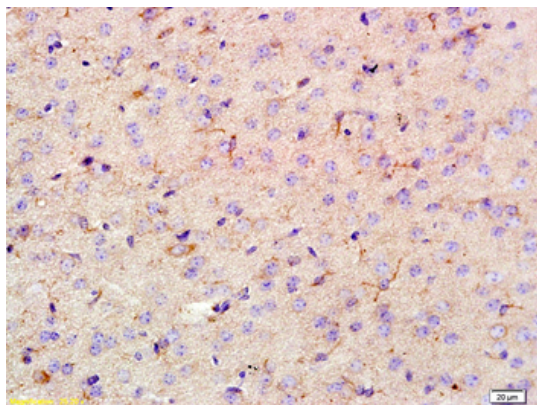
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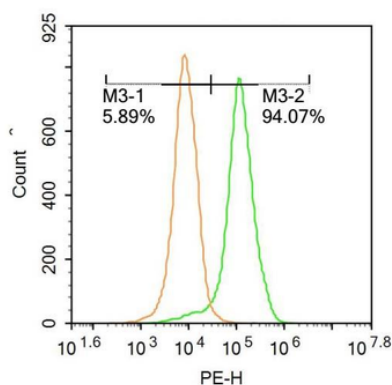
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Tissue/Cell: rat brain tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-AIF1/IBA-1 Polyclonal Antibody, Unconjugated (orb10863) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.



U-937 cells were fixed with 4% PFA for 10 min at room temperature, permeabilized with 20% PBST for 20 min at room temperature, and incubated in 5% BSA blocking buffer for 30 min at room temperature. Cells were then stained with AIF1 Antibody (orb10863) at 1:500 dilution in blocking buffer and incubated for 30 min at room temperature, washed twice with 2% BSA in PBS, followed by secondary antibody incubation for 40 min at room temperature. Acquisitions of 20000 events were performed. Cells stained with primary antibody (green), and isotype control (orange).

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