

Product Datasheet

EDG3 Rabbit Polyclonal Antibody (orb100194)

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| Catalog Number | orb100194 |
| Category | Antibodies |
| Description | EDG3 Rabbit Polyclonal Antibody |
| Target | S1PR3 |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | IgG |
| Conjugation | Unconjugated |
| Reactivity | Human, Mouse, Rat |
| Predicted Reactivity | Bovine, Rabbit |
| Form/Appearance | Liquid |
| Concentration | 1mg/ml |
| Buffer/Preservatives | 0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol. |
| Purification | Affinity purified by Protein A |
| Immunogen | KLH conjugated synthetic peptide derived from human EDG3 (145-250/378aa) |
| UniProt ID | Q99500 |
| MW | 42 kDa |
| Tested applications | FC, IF, IHC-Fr, IHC-P, WB |

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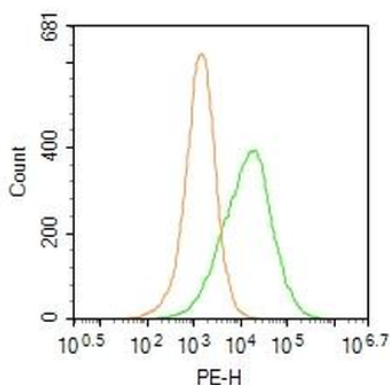
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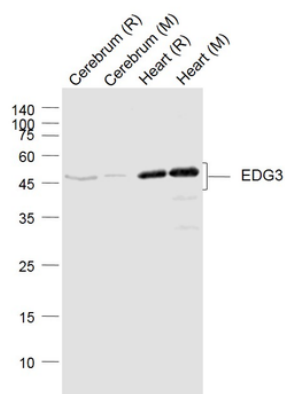
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|------------------------|---|
| Dilution range | WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=0.2u/test |
| Antibody Type | Primary Antibody |
| Storage | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |



Blank control: Hela. Primary Antibody (green line): Rabbit Anti-EDG3 antibody (orb100194), Dilution: 0.2 µg/10⁶ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-PE, Dilution: 1 µg/test. Protocol, The cells were incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug, Lane 2: Cerebrum (Mouse) Lysate at 40 ug, Lane 3: Heart (Rat) Lysate at 40 ug, Lane 4: Heart (Mouse) Lysate at 40 ug, Primary: Anti-EDG3 (orb100194) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 46 kD, Observed band size: 46 kD.

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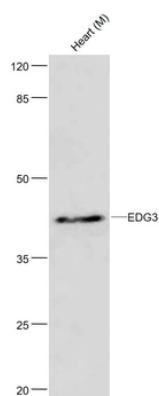
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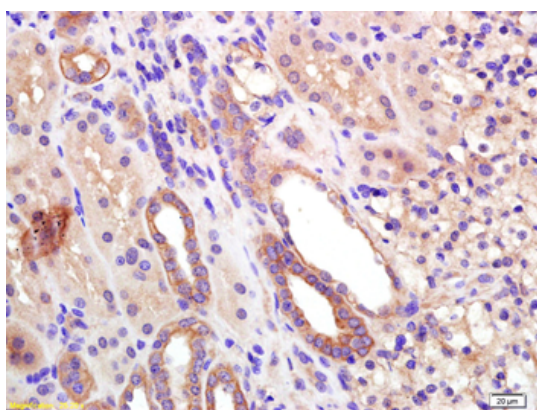
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Sample: Lane 1: Heart (Mouse) Lysate at 40 ug Primary: Anti-EDG3 (orb100194) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (orb572747) at 1/5000 dilution Predicted band size: 42 kD Observed band size: 46 kD.



Tissue/cell: human kidney tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), 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-EDG3 Polyclonal Antibody, Unconjugated (orb100194) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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