



# Rabbit Anti-Mouse VEGFA Monoclonal Antibody, Clone S10-2V2 (DMAB-JX2361785)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Immunogen</b>          | Recombinant protein   |
| <b>Isotype</b>            | IgG   |
| <b>Source/Host</b>        | Rabbit  |
| <b>Species Reactivity</b> | Mouse   |
| <b>Clone</b>              | S10-2V2   |
| <b>Purification</b>       | Affinity Purified   |
| <b>Conjugate</b>          | Unconjugated  |
| <b>Applications</b>       | <p>ELISA (Capture)</p> <p>We recommend the following as antibody pair (Capture - Detection):<br/>DMAB-JX2361785-DMAB-JX2361786</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.<br/>Other applications have not been tested but use in such assays should not necessarily be excluded.</p> |
| <b>Format</b>             | Purified, Liquid  |
| <b>Concentration</b>      | Lot specific  |
| <b>Size</b>               | 100 µg  |
| <b>Buffer</b>             | 0.01M PBS, pH 7.2   |
| <b>Preservative</b>       | None  |

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| <b>Storage</b> | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
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| <b>Ship</b> | Wet ice |
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## BACKGROUND

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| <b>Introduction</b> | Growth factor active in angiogenesis, vasculogenesis and endothelial cell growth. Induces endothelial cell proliferation, promotes cell migration, inhibits apoptosis and induces permeabilization of blood vessels. Binds to the FLT1/VEGFR1 and KDR/VEGFR2 receptors, heparan sulfate and heparin. May play a role in increasing vascular permeability during lactation, when increased transport of molecules from the blood is required for efficient milk protein synthesis (By similarity). Binding to NRP1 receptor initiates a signaling pathway needed for motor neuron axon guidance and cell body migration, including for the caudal migration of facial motor neurons from rhombomere 4 to rhombomere 6 during embryonic development. |
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## GENE INFORMATION

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| <b>Entrez Gene ID</b> | <a href="#">22339</a> |
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| <b>UniProt ID</b> | <a href="#">Q00731</a> |
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