Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Mouse VEGFA mAb

Catalog No.: RMK0564

Basic Information

Catalog No.
RMK0564

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

Contact

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Background

This gene is a member of the PDGF/VEGF growth factor family. It encodes a heparin-binding protein, which exists as a disulfide-linked homodimer. This growth factor induces proliferation and migration of vascular endothelial cells, and is essential for both physiological and pathological angiogenesis. Disruption of this gene in mice resulted in abnormal embryonic blood vessel formation. This gene is upregulated in many known tumors and its expression is correlated with tumor stage and progression. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. There is also evidence for alternative translation initiation from upstream non-AUG (CUG) codons resulting in additional isoforms. A recent study showed that a C-terminally extended isoform is produced by use of an alternative in-frame translation termination codon via a stop codon readthrough mechanism, and that this isoform is antiangiogenic. Expression of some isoforms derived from the AUG start codon is regulated by a small upstream open r...

Immunogen Information

Immunogen
Recombinant Mouse VEGFA protein

Cross-Reactivity

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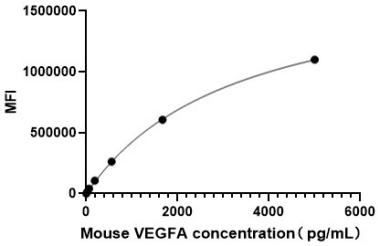
Assay Applications

Mouse VEGFA Sandwich Immunoassay

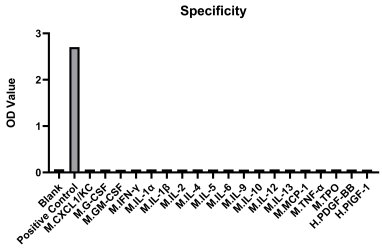
		Recommended Concentration	Sample
ELISA	Capture	1-4 μg/mL	Rabbit anti-Mouse VEGFA mAb (Cat. No. RMK0564)
	Detection	0.02-0.08 μg/mL	Rabbit anti-Mouse VEGFA mAb (Cat. No. RMK0565)
	Standard	3.91-250 pg/mL	Recombinant Mouse VEGFA Protein

Multiplex	Capture	1-4 μg/mL	Rabbit anti-Mouse VEGFA mAb (Cat. No. RMK0564)
	Detection	0.5-2 μg/mL	Rabbit anti-Mouse VEGFA mAb (Cat. No. RMK0565)
	Standard	6.86-5000 pg/mL	Recombinant Mouse VEGFA Protein (Cat. No. RP01060)

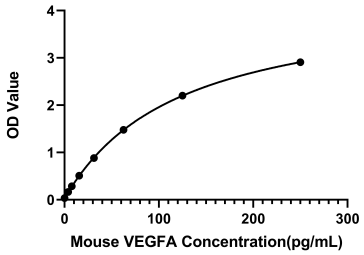
Validation Data



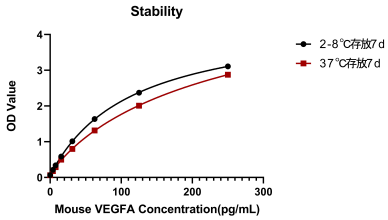
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



No significant cross-reactivity or interference was observed.



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.



Placed at 37°C for 7 days, the stability of the standard curve all conform to CV <10%.