



20190225DS

# Anti-Mouse VEGF-B (#6E72)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>103-M62</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with purified mouse VEGF-B (186)). The IgG2 fraction of culture supernatant was purified by Protein G affinity chromatography.

## Target Background

<b>Synonyms (Target):</b>	vascular endothelial growth factor B; Vegfb; Vrf; VEGF-B
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Vascular endothelial growth factor B (VEGF-B), also known as vascular endothelial growth factor-related factor (VRF), is a member of the VEGF family of growth factors that share structural and functional similarity.

## Database References Target

<b>Protein RefSeq:</b>	NP_003368.1
<b>Uniprot ID:</b>	P49765
<b>mRNA RefSeq:</b>	NM_003377.4

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#6E72)
<b>Isotype</b>	IgG2
<b>Purification</b>	Protein G chromatography
<b>Antigen</b>	recombinant mouse VEGF-B 186
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody recognizes mouse VEGF-B 186 but not 167. Cross reactivity to other species have not been tested.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:

WB, IHC

**Recommended usage:**

Immunohistochemistry (paraffine): 1:50 - 1:100

Western Blot: 1:400 - 1:1000

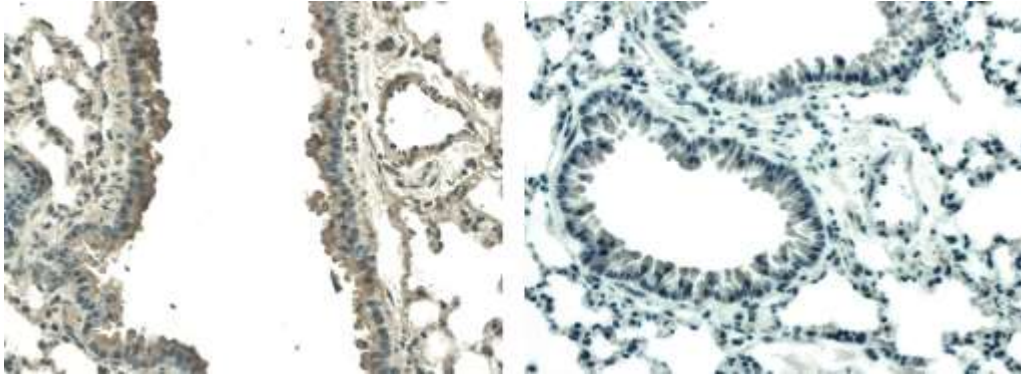
**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**



## **Anti-Mouse VEGF-B (#6E72)**

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### **Application/Handling**



Paraffin lung section from LPS treated mice was subjected to IHC using anti VEGF-B antibody 103-M62 (Right Panel, Negative control).