



# Hi-Puri™ Rabbit Anti-VEGFA Monoclonal antibody, clone B20-4 (DMAB-CS25223)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	B20-4 is a synthetic antibody derived from phage display libraries that has the ability to bind and neutralize both human and murine vascular endothelial growth factor (VEGF).
<b>Specificity</b>	B20-4 recognises a VEGF epitope which is conserved between human and mouse VEGF and overlaps with the receptor binding surface.
<b>Target</b>	Human/Mouse VEGFA
<b>Immunogen</b>	Human VEGF
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	B20-4
<b>Purification</b>	>90% determined by SDS-PAGE
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, Neut, BL Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Format</b>	Liquid
<b>Concentration</b>	lot specific

<b>Size</b>	200 µg, 1 mg
<b>Buffer</b>	PBS (endotoxin < 1EU/mg, lower endotoxin levels may also be offered upon request)
<b>Preservative</b>	None
<b>Storage</b>	Short term at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles.
<b>Ship</b>	Dry ice

## BACKGROUND

<b>Introduction</b>	Vascular endothelial growth factor (VEGF) is a highly specific angiogenic growth factor; anti-angiogenic treatment through inhibition of receptor activation by VEGF might have important therapeutic applications in diseases such as diabetic retinopathy and cancer.
<b>Keywords</b>	Vascular endothelial growth factor; VEGF; VEGFA; VPF