



Hi-Puri™ Human Anti-VEGFA Monoclonal antibody, clone B20-4 (DMAB-CS25222)

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

PRODUCT INFORMATION

Product Overview	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).
Specificity	B20-4 recognises a VEGF epitope which is conserved between human and mouse VEGF and overlaps with the receptor binding surface.
Target	Human/Mouse VEGFA
Immunogen	Human VEGF
Isotype	IgG
Source/Host	Human
Species Reactivity	Human, Mouse
Clone	B20-4
Purification	>90% determined by SDS-PAGE
Conjugate	Unconjugated
Applications	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.
Format	Liquid
Concentration	lot specific

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

BACKGROUND

Introduction	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.
Keywords	Vascular endothelial growth factor; VEGF; VEGFA; VPF