

Technical Data Sheet

Purified Mouse Anti-Human VEGF**Product Information**

Material Number:	554539
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G143-850
Isotype:	Mouse IgG2a
Reactivity:	QC Testing: Human
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The G143-850 antibody recognizes vascular endothelial growth factor (VEGF) by western blotting. VEGF is a homodimeric heavily glycosylated protein. Human VEGF occurs in several molecular variants which arise by alternative splicing of the mRNA. Splice forms of VEGF differ in biological properties such as the receptor types which they recognize. Various forms of VEGF can be detected at MW 18-25 kDa in SDS-PAGE.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4° C.

Application Notes**Application**

Western blot	Routinely Tested
Immunoprecipitation	Tested During Development

Recommended Assay Procedure:

For western blot analysis use at 0.5-2µg/ml. Detailed protocols are at:
http://www.bdbiosciences.com/pharmingen/protocols/Western_Blotting.shtml.

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

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