

Product datasheet for **AM01371PU-N**

VEGFA Mouse Monoclonal Antibody [Clone ID: 4B2-8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4B2-8
Applications:	ELISA, WB
Recommended Dilution:	ELISA: In a Sandwich ELISA (assuming 100ul/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 100 pg/ml of recombinant Human VEGF165 when used with Biotin anti-Human VEGF165 antibody (Cat.-No PP1073B) as the detection antibody at a concentration of approximately 0.25-1.0 µg/ml. Western Blot: To detect Human VEGF165 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human VEGF165 is 0.25-0.50 ng/lane, under non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant Human VEGF165 (Cat.-No PA136).
Specificity:	This antibody detects Vascular Endothelial Growth Factor. Other species not tested.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified IgG fraction from cell culture
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Gene Name: vascular endothelial growth factor A

Database Link: [Entrez Gene 7422 Human P15692](#)

Synonyms: VEGFA, VEGF, VPF, Vascular endothelial growth factor A, Vascular permeability factor