

# Product Datasheet

## Fibronectin Antibody (SPM246) [Alexa Fluor® 647] NBP2-34749AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-34749AF647**

Fibronectin Antibody (SPM246) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	SPM246
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein A or G purified
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	2335
Gene Symbol	FN1
Species	Human, Mouse, Rat, Porcine
Specificity/Sensitivity	Fibronectin is a soluble dimeric glycoprotein of 440kDa, which is present in cells, extracellular matrix, and blood. This monoclonal antibody reacts with the cellular as well as plasma form of fibronectin. Reportedly, after iv administration, this monoclonal antibody localizes to tumor vessels where it binds to the underlying basement. Epitope recognized by this antibody is not accessible in normal tissues to the circulating monoclonal antibody indicating that it can be used to specifically target tumor vessels in vivo. TV-1 is reportedly useful for delivering vasoactive agents to tumors to induce increased vascular permeability or blood flow prior to treatment with chemotherapeutic drugs or monoclonal antibodies.
Immunogen	T-cell lymphoma biopsy
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, CyTOF-ready
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, CyTOF-ready





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### **Products Related to NBP2-34749AF647**

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IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NBP1-91258PEP	Fibronectin Antibody Blocking Peptide
236-EG-200	EGF [Unconjugated]
1030-FN-01M	Fibronectin [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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