

# Product Datasheet

## Factor XIIIa Antibody (SPM180) [Allophycocyanin/Cy7] NBP2-54480APCCY7

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NBP2-54480APCCY7**

Factor XIIIa Antibody (SPM180) [Allophycocyanin/Cy7]

| 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. Do not freeze.   |
| Clonality                   | Monoclonal  |
| Clone                       | SPM180  |
| Preservative                | 0.05% Sodium Azide  |
| Isotype                     | IgG2b Kappa   |
| Conjugate                   | Allophycocyanin/Cy7   |
| Purity                      | Protein A or G purified   |
| Buffer                      | PBS   |
| Product Description         |   |
| Host                        | Mouse   |
| Gene ID                     | 2162  |
| Gene Symbol                 | F13A1   |
| Species                     | Human   |
| Specificity/Sensitivity     | It recognizes a protein of 83kDa, which is identified as Factor XIIIa. It has been identified in platelets, megakaryocytes, and fibroblast-like mesenchymal or histiocytic cells in the placenta, uterus, and prostate, monocytes and macrophages and dermal dendritic cells. Anti-factor XIIIa has been found to be useful in differentiating between dermatofibroma (almost all cases are positive), dermatofibrosarcoma protuberans (-/+) and desmoplastic malignant melanoma (-). Anti-factor XIIIa positivity is also seen in capillary hemangioblastoma, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma. |
| Immunogen                   | Recombinant fragment of human Factor XIIIa protein (aa46-181) (exact sequence is proprietary) (Uniprot: P00488)   |
| Product Application Details |   |
| Applications                | Flow Cytometry  |
| Recommended Dilutions       | Flow Cytometry  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.  |





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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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