

# Product Datasheet

## Fetal Hemoglobin Antibody [Alexa Fluor® 647] NB110-41084AF647

Unit Size: 1 ml

Store at 4C in the dark.

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**NB110-41084AF647**

Fetal Hemoglobin Antibody [Alexa Fluor® 647]

| Product Information |   |
|---------------------|---|
| Unit Size           | 1 ml  |
| Concentration       | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark.  |
| Clonality           | Polyclonal  |
| Preservative        | 0.05% Sodium Azide  |
| Isotype             | IgG   |
| Conjugate           | Alexa Fluor 647   |
| Purity              | Immunogen affinity purified   |
| Buffer              | 50mM Sodium Borate  |

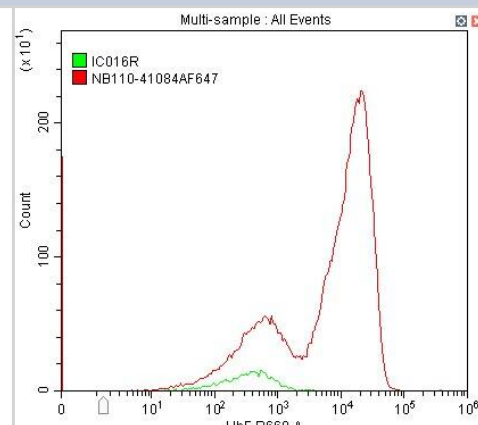
| Product Description     |  |
|-------------------------|--|
| Host                    | Sheep  |
| Gene ID                 | 3047   |
| Gene Symbol             | HBG1   |
| Species                 | Human  |
| Specificity/Sensitivity | By immunoelectrophoresis and ELISA this antibody reacts specifically with human hemoglobin F. No antibody was detected against hemoglobin A1, A2, S or human serum proteins.   |
| Immunogen               | Purified human hemoglobin F of fetal cord blood cell origin.   |
| Notes                   | <p>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.</p> |

| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, ELISA, Flow Cytometry   |
| Recommended Dilutions       | Western Blot, Flow Cytometry Validated for Flow from a verified customer review., ELISA |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                  |



## Images

Flow Cytometry: Sheep Fetal Hemoglobin pAb [Alexa Fluor® 647] [NB110-41084AF647] - HbF cells in mouse. These mice are under stressed erythropoiesis. This antibody used to detect fetal hemoglobin in RBC. RBC was fixed by paraformaldehyde followed by permeabilization with 0.01% triton. These cells were incubated with antibody at 1:500 dilution for 30-60 min at room temperature. Image from a verified customer review.





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### **Products Related to NB110-41084AF647**

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|             |  |
|-------------|--|
| IC016R      | Sheep IgG Isotype Control [Alexa Fluor® 647] |
| MEP00B      | Erythropoietin/EPO [HRP]                     |
| NB600-233   | SP1 Antibody - BSA Free                      |
| NB110-41083 | Hemoglobin alpha Antibody - BSA Free         |

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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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