

# Product Datasheet

## LIF Antibody (9824) [Janelia Fluor® 646] FAB250J

Unit Size: 0.1 ml

Store at 4C in the dark.

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**FAB250J**

LIF Antibody (9824) [Janelia Fluor® 646]

| 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                       | 9824                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                     | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Conjugate                   | Janelia Fluor 646                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Purity                      | Protein A or G purified from ascites                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Gene ID                     | 3976                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Symbol                 | LIF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Species                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human LIF in ELISAs and Western blots. In sandwich immunoassays, no significant cross-reactivity or interference with recombinant human (rh) IL-1 $\alpha$ , rhIL-1 $\beta$ , rhIL-2, rhIL-3, rhIL-4, rhIL-6, rhIL-7, rhIL-8, rhG-CSF, rhGM-CSF, rhOSM, rhTGF- $\beta$ 1, rhTNF- $\alpha$ , rhTNF- $\beta$ , recombinant mouse (rm) IL-1 $\beta$ , rmIL-3, rmIL-4, rmIL-5, rmIL-6, rmIL-7, rmGM-CSF, bovine (b) FGF acidic, bFGF basic, human (h) PDGF, porcine (p) PDGF, hTGF- $\beta$ 1, pTGF- $\beta$ 1.2, or pTGF- $\beta$ 2 is observed. |
| Immunogen                   | <i>E. coli</i> -derived recombinant human LIF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Notes                       | Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Applications                | Immunohistochemistry, Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Recommended Dilutions       | Immunohistochemistry, Neutralization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |





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### **Products Related to FAB250J**

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|                |                               |
|----------------|-------------------------------|
| NBP2-34935-5ug | Recombinant Human LIF Protein |
| 236-EG-200     | EGF [Unconjugated]            |
| 7734-LF-025    | LIF [Unconjugated]            |
| 210-TA-005     | TNF-alpha [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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