

Product Datasheet

LAIR1 Antibody (9.1C3) [Alexa Fluor® 532] NBP2-47800AF532

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 9/10/2023 v.20.1

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NBP2-47800AF532

LAIR1 Antibody (9.1C3) [Alexa Fluor® 532]

| 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 | 9.1C3 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2 Kappa |
| Conjugate | Alexa Fluor 532 |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3903 |
| Gene Symbol | LAIR1 |
| Species | Human |
| Specificity/Sensitivity | Recognizes a single protein of 40kDa, identified as the CD305 (LAIR1). It is an inhibitory receptor, expressed on the majority of peripheral mononuclear cells, including natural killer (NK) cells, T-cells, B-cells, monocytes, and dendritic cells. Highly expressed in naive T-cells and B-cells but no expression on germinal center B-cells. This MAb is expressed on CD34 positive hematopoietic progenitors. Inhibitory receptors regulate the immune response to prevent lysis of cells recognized as self. The gene is a member of both the immunoglobulin superfamily and the leukocyte-associated inhibitory receptor family. LAIR1 has been identified as an anchor for tyrosine phosphatase SHP-1, and may induce cell death in myeloid leukemias. Alternative splicing results in multiple transcript variants. This MAb is identical to LAIR-1, based on the fact that it not only precipitated a protein of 40kDa but it also binds specifically to LAIR-1 cDNA transfected COS7 cells as well as recognizes LAIR-1 fusion protein in ELISA. LAIR-1 expresses on hematopoietic progenitor, implicating its role in the regulation of hematopoiesis at early stage. |
| Immunogen | Human Lymphocytes and Large Granular Lymphocytes (LGL) |

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| Product Application Details | |
|------------------------------------|--|
| Applications | Flow Cytometry, Immunofluorescence |
| Recommended Dilutions | Flow Cytometry, Immunofluorescence |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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