

Product Datasheet

IFN-alpha 2 Antibody (N39) [mFluor Violet 610 SE] NBP2-54398MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-54398MFV610

IFN-alpha 2 Antibody (N39) [mFluor Violet 610 SE]

| 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 | N39 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG1 Kappa |
| Conjugate | mFluor Violet 610 SE |
| Purity | Protein A or G purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Mouse |
| Gene ID | 3440 |
| Gene Symbol | IFNA2 |
| Species | Human |
| Specificity/Sensitivity | Recognizes a protein of 16-27kDa, identified as human interferon-II (IFN-(II)). Its epitope maps between aa112-148 of IFN-(II) (total aa172). This monoclonal antibody is specific for IFN-(II) and does not cross-react with IFN-(I). The site recognized by this monoclonal antibody is called site I and is responsible for the antiviral and anti-proliferative activities of IFN-(II). Epitopes of N27 and N39 monoclonal antibodies are different and represent a good combination of antibodies to set up an ELISA assay for the quantitation of IFN-(II) after viral infections. The IFN- family consists of 24 or more genes or pseudo-genes. IFN-(II) is one of the two distinct families (I and II) of human IFN-. The -interferon are mainly produced by lymphocytes, monocytes, macrophages, and cell lines such as Namalwa and KG1 following induction by viruses, nucleic acids, and glucocorticoid hormones. They are involved in virus resistance on target cells, inhibition of cell proliferation, induction of cytokines and regulation of expression of MHC class I antigens. |
| Immunogen | Purified recombinant human IFN-alpha 2 (Uniprot: P01563) |
| Notes | mFluor(TM) is a trademark of AAT Bioquest, Inc. 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 | |
| Applications | ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, CyTOF-ready |
| Recommended Dilutions | Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, CyTOF-ready |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |

Images

IFN-alpha 2 Antibody (N39) [mFluor Violet 610 SE] [NBP2-54398MFV610] - Vial of mFluor Violet 610 conjugated antibody. mFluor Violet 610 is optimally excited at 421 nm by the Violet laser (405 nm) and has an emission maximum of 613 nm.



mFluor™ Violet 610

| LASER (nm) | FILTER |
|--------------|--------|
| Violet (405) | 605/30 |

| EXCITATION MAX (nm) | EMISSION MAX (nm) |
|---------------------|-------------------|
| 421 | 613 |



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Products Related to NBP2-54398MFV610

| | |
|------------------|---------------------------------------|
| NBP2-34971-100ug | Recombinant Human IFN-alpha 2 Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 12100-1 | IFN-alpha 2 |
| D6050 | IL-6 [HRP] |

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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