

Mouse anti-Interferon α 1, clone 2-48 (Monoclonal)

Clone no. 2-48

MONOSAN

| | |
|---------------------------|-----------------------------------------------------------|
| Product name | Mouse anti-Interferon α 1, clone 2-48 (Monoclonal) |
| Host | Mouse |
| Applications | ELISA, IHC-fr, WB |
| Species reactivity | human |
| Conjugate | - |
| Immunogen | E.coli derived recombinant human interferon α 1 |
| Isotype | IgG1-K |
| Clonality | Monoclonal |
| Clone number | 2-48 |
| Size | 100 μ g |
| Concentration | 100 μ g/ml |
| Format | - |
| Storage buffer | PBS with 0.02% sodium azide |
| Storage until expiry date | 2-8°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

The alpha interferons are involved in virus resistance in target cells for these viruses. They are known to block cell proliferation and to regulate MHC class I antigen expression. The IFN α family has over 20 genes and pseudogenes in two families (I and II), one with a mature length of 166aa and one of 172aa. Cells producing IFN α are lymphocytes, monocytes, macrophages and cell lines such as Namalwa and KGI. Bioassays for IFN α include cytopathic effect blocking, by viruses such as VSV, SFV and BMCV, on their target cells. A number of receptors for IFN α are now known and seem to be expressed on most cell types. 2-48 is specific for human interferon α 1 and does not cross react with human interferon α 2.

References

1. Kontsek, P. et al. Mol Immunol. 29: 863-870 (1992)
2. -
3. -
4. -
5. -

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