

## Mouse anti-Human Interferon Alpha 1, clone 2-48 (Monoclonal)

Clone no. 2-48

MONOSAN

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Product name	Mouse anti-Human Interferon Alpha 1, clone 2-48 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-fr, WB
Species reactivity	human
Conjugate	-
Immunogen	E.coli derived recombinant human interferon alpha 1
Isotype	IgG1
Clonality	Monoclonal
Clone number	2-48
Size	100 ug
Concentration	100 ug/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 $\alpha$  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 $\alpha$  are lymphocytes, monocytes, macrophages and cell lines such as Namalwa and KGI. Bioassays for IFN $\alpha$  include cytopathic effect blocking, by viruses such as VSV, SFV and BMCV, on their target cells. A number of receptors for IFN $\alpha$  are now known and seem to be expressed on most cell types. 2-48 is specific for human interferon  $\alpha$  1 and does not cross react with human interferon  $\alpha$  2.

**References**

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

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