Mouse anti-IFN-Alpha (II), clone N39 (Monoclonal)

Clone no. N39

MONOSAN

Product name	Mouse anti-IFN-Alpha (II), clone N39 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-fr, WB
Species reactivity	human
Conjugate	-
Immunogen	E. coli derived recombinant human IFN alpha2c
Isotype	IgG1,kappa
Clonality	Monoclonal
Clone number	N39
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% sodium azide
Storage until expiry date	2-8°C

Product datasheet MON5089

Mouse anti-IFN-Alpha (II), clone N39 (Monoclonal)

Clone no. N39

MONOSAN

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 IFNα 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 IFNα are lymphocytes, monocytes, macrophages and cell lines such as Namalwa and KGI. Bioassays for IFNα include cytopathic effect blocking, by viruses such as VSV, SFV and BMCV, on their target cells. A number of receptors for IFNα are now known and seem to be expressed on most cell types. N39 is specific for human IFNα2 and does not cross react with human IFNα1. N39 is directed against immunodominant epitope site I (aa112-148).

References

1. Kontsek, P. et al., Mol Immunol. 29: 863-870 (1992)
2. Kontsek, P. et al., Immunol. Lett. 35: 281-284 (1993)
3. -
4. -
5. -