

Product datasheet

anti-Interferon alpha 1 mouse monoclonal, 2-52, purified

Short overview

Cat. No. 691511

Quantity1 ml (100 μ g/ml)Concentration100 μ g/ml

Product description

HostMouseAntibody TypeMonoclonalIsotypeIgG1 kappaClone2-52

Immunogen E. coli derived recombinant human IFN alpha 1

Formulation PBS with 0.02% sodium azide

UniprotID P01562 (Human)

Synomym Interferon alpha-1/13, IFN-alpha-1/13, Interferon alpha-D, LeIF D, IFNA1, IFNA13

Conjugate Unconjugated

Purification Affinity chromatography

Storage 2-8°C

Intended use Research use only Application ELISA, IHC, WB

Reactivity Human

Applications

 ELISA
 Assay dependent

 Immunohistochemistry (IHC) - frozen
 1:50-1:100 (1-2 μg/ml)

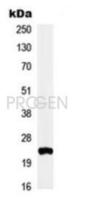
 Western Blot (WB)
 1:50-1:100 (1-2 μg/ml)

Background

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 interferon alpha (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. 2-52 is specific for human IFN alpha 1 and does not cross react with human IFN alpha 2.

Positive control: human IFN alpha 1, Namalwa and KGI cells.

Product images



Western blot with HEK239T cells