

PRODUCT INFORMATION SUMMARY

ANTI-Human IFN Alpha

Purified Antibody (Clone A2) Product Number MC100120 50 ug ; 0.1 mL
FITC Conjugate (Clone A11) Product Number MC100133 100 tests

SPECIFICITY:

Human Interferon Alpha. Binds to IFN Alpha with affinity 10^9 M⁻¹
Both clones will neutralize IFN Alpha activity.

IMMUNOGLOBULIN CHAIN COMPOSITION: Mouse IgG1, kappa

SOURCE:

Purified: Murine ascites fluid., purified in PBS, 0.1 % BSA

And FITC conjugate; PBS with 0.1% BSA, 0.1% sodium azide

RESEARCH APPLICATIONS:

Biochemical identification by Western blot analysis (1:500) of
IFN Alpha in body fluids and tissue culture medium.

Development of quantitative immunoassays, Immunoaffinity
purification., FACS analysis.

For flow cytometry (FITC conjugate) use 10 - 20 uL per test
(Optimize all concentrations)

Immunohistochemical Staining

- This monoclonal antibody binds to, and will **neutralize** the
bioactivity of Human IFN Alpha. (**Both clones**)

One neutralization unit is amount of antibody required to
neutralize one unit of human IFN Alpha to 50% endpoint in
cytopathic effectttt inhibition assay, and based upon NIH
International refernce standard.

HANDLING AND STORAGE:

Purified antibody is provided as semi-frozen liquid, in PBS,
with 0.1% BSA, at high concentration. Purified monoclonal
antibody may be stored frozen or at 4° C with the addition of
preservative. FITC conjugate contains 0.1% sodium azide and
should be stored dark, at 4 Deg. C. DO NOT FREEZE conjugate.
Avoid more than one freeze - thaw cycle. Dilutions should be
made in PBS or other stabilizing buffer containing BSA or
gelatin (0.2%) as suitable for particular application.

RESEARCH USE ONLY