

PRODUCT INFORMATION SUMMARY

ANTI-IFN GAMMA

Purified Antibody	(Clone 8920)	Product Number MC200220	0.2 mg
Purified Antibody	(Clone 8921)	Product Number MC200320	0.2 mg

SPECIFICITY:

Human interferon gamma, a cytokine with important anti-viral and immune regulatory properties. Two major species of IFN Gamma exist with molecular weights of 20 and 25 kDa.

Both monoclonal antibodies clone CH8920 and CH8921 are reactive with native and recombinant human interferon gamma and do not cross react with IFN alpha.

IMMUNOGLOBULIN CHAIN COMPOSITION: IgG1, kappa (Both clones)

SOURCE: Murine ascites fluid.

CLONES: Derived from hybridization of murine myeloma (SP 2/0) cells with spleen cells from BALB/c mice immunized with recombinant human gamma interferon.

PURIFICATION METHOD: Protein A affinity chromatography.

RESEARCH APPLICATIONS:

Biochemical identification by Western blot analysis of IFN gamma in body fluids and tissue culture medium.

Development of quantitative immunoassays, Immunoaffinity purification.

Immunohistochemical Staining -Recommend clone 8921, **observed to react in formalin-fixed, paraffin-embedded tissue**, ie., normal lung, kidney, liver (cirrhosis), lung cancer specimens. Antibody used at 20.0 ug/mL for this application.

CHARACTERIZATION: Enzyme immunoassay working dilutions (1 mg/ml):
1:10,000

CROSS-REACTIVITY: None observed with IFN Alpha.

NEUTRALIZING ACTIVITY:

Not tested.

HANDLING AND STORAGE:

Lyophilized, purified monoclonal antibody upon reconstitution with 0.2 ml of distilled water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Product in a liquid state should be stored at 2-8° C when not in use. Purified anti-IFN gamma is provided free of stabilizing agents and preservatives to facilitate conjugation and immediate use in functional and immunological assays.

For long-term storage, the addition of 0.1% sodium azide or other preservative is recommended, suitable for particular application.

WARRANTY:

Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

RESEARCH USE ONLY

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