

Anti Human Interferon-Alpha (IFN- α) Purified Monoclonal Mouse Antibody

- Code:** 211-44-128A **Lot no.:**
- Isotype:** IgG1k **Exp.:** 1 year from date of dispatch
- Clone:** 144BS
- Quantity:** 500 μ g (1.0 mg/ml) purified antibody in phosphate buffered saline, pH 7.4 containing 0.1% (w/v) NaN₃.
- Source:** Tissue culture supernatant.
- Purification:** Affinity chromatography.
- Specificity:** This antibody binds but does not neutralize the activity of human IFN- α subtypes - B, -C, -D and -F, as well as several IFN- α B/D, D/B hybrids.

Applications: This clone is suitable for the immunoprecipitation of several subtypes of human interferon alpha (1). Preliminary data also indicate its usefulness in the intracellular staining of human IFN- α producing cells by flow cytometry. This antibody has also been used in immunohistochemistry of frozen tissue sections.

We recommend that each laboratory determine an optimum working titre for use in its particular application.

- References:**
1. Alkan, S.S. and D.G. Braun. "Epitope mapping of human recombinant interferon alpha molecules by monoclonal antibodies" in *Synthetic peptides as antigens, Ciba Foundation Symposium 119, Chichester: Wiley, pp 264-278 (1986).*
 2. Alkan, S.S. et al. "Enhanced antiproliferative action of interferon targeted by bispecific monoclonal antibodies" *J. Interferon Research* **8**: 25-33. (1988).

Storage: For use within 1 month store at +4°C. For long term storage aliquot antibody into small volumes and store at -20°C. Avoid repeated freeze thaw cycles.

For Research Use Only. Not For Diagnostic or Therapeutic Use.

Conditions: The information disclosed herein is not to be construed as a recommendation to use the above product in violation of any patents. ImmunoKontakt will not be held responsible for patent infringement or other violations that may occur with the use of our products.

Preservatives: Sodium azide (NaN₃) was added as a preservative to prevent bacterial contamination. Since sodium azide yields highly toxic hydrazoic acid under acidic conditions it is important to dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive in plumbing.

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