

Anti-IFNA 8 [α 8#139] Standard Size Ab02213-1.1

This chimeric mouse antibody was made using the variable domain sequences of the original format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, Kappa

Clone Number: α 8#139

Alternative Name(s) of Target: Interferon alpha-8; IFNA8; IFN-alpha-8; LeIF B; Interferon alpha-B; Interferon alpha-B2

UniProt Accession Number of Target Protein: P32881

Published Application(s): Immunoaffinity chromatography, NTRL, RIA, WB, ELISA

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing BALB/c mice with recombinant interferon α 8.

Specificity: This antibody specifically binds the human interferon alpha 8. It does not cross react with other interferon and cytokines.

Application Notes: This antibody in combination with α 8Y36-2 can be used to detect human interferon alpha 8 in a sandwich ELISA (PMID: 18593331). This antibody can also detect human inteferon alpha 8 in a western blot assay and a radioimmunoassay. It is reported that the binding of this antibody has a neutralizing effect on the anti-viral activity of interferon alpha 8. This antibody can also be used in the purification of human interferon alpha 8 by affinity chromatography.

Antibody First Published in: Ushio et al. Establishment of antihuman IFN- α 8-specific monoclonal antibodies and their application in the enzyme-linked immunosorbent assay (ELISA). J Interferon Cytokine Res. (2008); 28(6):359-66. [PMID:18593331](#)

Note on publication: Describes the generation and characterization of this antibody and its use in the development of a sandwich ELISA for detection of human interferon alpha 8.

Product Form

Size: 200 μ g Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.