

## Anti-IFNA 8 [ $\alpha$ 8#139] Standard Size Ab02213-10.0

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

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:**  $\alpha$ 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  $\alpha$ 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  $\alpha$ 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- $\alpha$ 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  $\mu$ 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.