

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human IFN-α2a,4a,6,7,8,10,16, and 17 in direct ELISAs.
Source	Monoclonal Mouse IgG ₁ Clone # 995514
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	HEK293 human embryonic kidney cell line transfected with human IFN-α2 Met1-Glu188 Accession # P01563
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Immunocytochemistry Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Interferon-alpha (IFN-alpha or IFN-α), also known as leukocyte interferon, represents a group of related but distinct proteins that share over 95% amino acid sequence homology. They are members of the type I interferon family which share a common cell surface receptor composed of two subunits, a 100 kDa ligand-binding subunit (IFN-alpha R2) and a 125 kDa ligand binding and signal transduction subunit (IFN-alpha R1) that is involved both in ligand binding and signal transduction. Many IFN-alpha subtypes exist, IFN-α1 to IFN-α21. The major subtypes identified are IFN-α1, IFN-α2, IFN-α8, IFN-α10, IFN-α14 and IFN-α21. MAB93454 detects human IFN-α2a,4a,6,7,8,10,16, and 17 in direct ELISA.

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