



Mouse Anti-Human IFNA2 monoclonal antibody, clone 006621 (CABT-L962M)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Anti-Human IFNA2 monoclonal antibody, clone 006621
Specificity	Detects human IFN-alpha 2/IFNA2 in direct ELISAs.
Immunogen	HEK293 human embryonic kidney cell line transfected with human IFN- alpha 2/IFNA2 (1-188)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	6621
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Recommended dilution: ICC: 8-25 µg/mL
Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose
Preservative	None

Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Introduction Interferon-alpha 2 (IFNA2), also known as leukocyte interferon, is a type I interferon produced by macrophages, CD8 resting T cells, tonsillar NK cells, germinal center B cells, as well as epithelial cells, tumor cells and melanocytes. IFN alpha has at least nine different isoforms.

IFNA2 is a ligand for a cell surface receptor with two subunits, IFN-alpha R2 (ligand binding) and IFN-alpha R1 (ligand binding and signal transduction). IFNA2 has both antiviral and immunomodulatory activities on target cells. Intranasal administration has been shown to reduce viral load in subjects with the common cold. While IFNA2 is a prognostic factor for hepatocellular carcinoma, Interferon alpha 2b, has been used to treat melanoma, renal cell carcinoma, chronic myelogenous leukemia and hepatitis C.

Keywords alpha-2a interferon;Ifa2;IFNA;IFNA2;IFNA2a;IFNA2b;IFNA2c;IFNAA;IFNalpha 2;IFN-alpha 2;IFN-alpha-2;IFN-alphaA;INFA2;interferon alpha 2b;interferon alpha A;interferon alpha-2;Interferon alpha-A;interferon, alpha 2;LeIF A;MGC125764;MGC125765

GENE INFORMATION

Official Symbol	IFNA2 interferon, alpha 2
Synonyms	IFNA2; interferon, alpha 2; interferon alpha-2; alpha 2a interferon; IFN alphaA; IFNA; interferon alpha 2b; interferon alpha A; leIF A; IFN-alpha-2; alpha-2a interferon; INFA2; IFNA2B; IFN-alphaA; MGC125764; MGC125765
Entrez Gene ID	#3440
