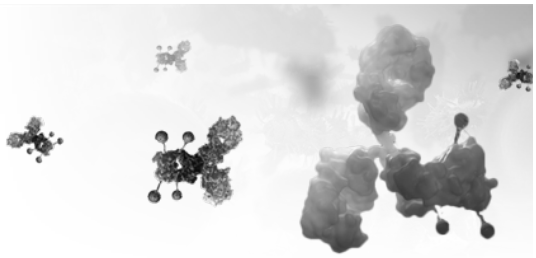

Rabbit Anti-Human interferon-alpha/IFNA5 monoclonal antibody, clone S213 (CABT-ZB668)

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

PRODUCT INFORMATION

Specificity	It reacts with Human interferon-alpha/IFNA5
Target	IFNA5
Immunogen	Recombinant Human IFNA5/IFNaG Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S213
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect interferon-alpha/IFNA5 in antibody pair set. [ABPR-ZB247]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human IFNA5/IFNaG.
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 µL, 1 mL

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Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Interferon, alpha 5 (IFNA5) belongs to the alpha/beta interferon family. IFNA5 is the only IFNA subtype detected in normal liver, while a mixture of subtypes is observed in the liver tissue of patients with chronic hepatitis C. Interferons are produced by macrophages, IFN-alpha has antiviral activities. Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase. IFN-alpha, the first cytokine to be produced by recombinant DNA technology, has emerged as an important regulator of growth and differentiation, affecting cellular communication and signal transduction pathways as well as immunological control. Originally discovered as an antiviral substance, the efficacy of IFN-alpha in malignant, viral, immunological, angiogenic, inflammatory, and fibrotic diseases suggests a spectrum of interrelated pathophysiologies. IFN-alpha emerged as a prototypic tumor suppressor protein that represses the clinical tumorigenic phenotype in some malignancies capable of differentiation.
Keywords	IFNAR1; interferon-alpha/beta receptor alpha chain-like; putative interferon-alpha/beta receptor alpha chain

GENE INFORMATION

Synonyms	IFNAR1; interferon-alpha/beta receptor alpha chain-like; putative interferon-alpha/beta receptor alpha chain
Entrez Gene ID	3454
UniProt ID	Q9UKB1

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