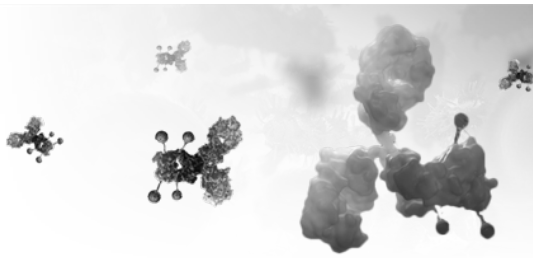

Mouse Anti-Human ICOS ligand monoclonal antibody, clone NN16 (CABT-ZB781)

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

PRODUCT INFORMATION

Specificity	It reacts with Human ICOS ligand
Target	ICOS
Immunogen	Recombinant Human ICOSL/ICOS ligand/B7-h2 Protein
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	NN16
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB781 - CABT-ZB1086 This antibody will detect ICOS ligand in antibody pair set. [ABPR-ZB361]
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human ICOSL / ICOS ligand / B7-h2. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific

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Size	50 µL, 100 µL, 200 µL, 1 mL
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	Inducible co-stimulator ligand (ICOSL), also known as B7-H2, is a member of the B7 family of co-stimulatory molecules related to B7-1 and B7-2. It is a transmembrane glycoprotein with extracellular IgV and IgC domains and binds to ICOS on activated T cells, thus delivers a positive costimulatory signal for optimal T cell function. The structural features of ICOSL are crucial for its costimulatory function. The present study shows that ICOSL displays a marked oligomerization potential, resembling more like B7-1 than B7-2. B7-H2-dependent signaling may play an active role in a proliferative response rather than in cytokine and chemokine production. The CD28/B7 and ICOS/B7-H2 pathways are both critical for costimulating T cell immune responses. Deficiency in either pathway results in defective T cell activation, cytokine production, and germinal center formation.
Keywords	IFNA5; interferon, alpha 5; interferon alpha-5; IFN alphaG

GENE INFORMATION

Synonyms	IFNA5; interferon, alpha 5; interferon alpha-5; IFN alphaG; leIF G; IFN-alpha-5; interferon alpha-G; interferon alpha-61; INFA5; IFN-alphaG
Entrez Gene ID	3442
UniProt ID	P01569

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