



Mouse Anti-Rat LILRA5 monoclonal antibody, clone NN13 (CABT-ZB721)

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

PRODUCT INFORMATION

Specificity	It reacts with Rat LILRA5
Target	LILRA5
Immunogen	Recombinant Rat LILRA5 Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	NN13
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect LILRA5 in antibody pair set. [ABPR-ZB301]
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 Rat LILRA5. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Format	Purified, Liquid
Concentration	Lot specific
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	LILRA5 is a member of the leukocyte immunoglobulin-like receptor (LIR) family. LILR are a family of receptors possessing extracellular immunoglobulin domains. They are also known as CD85, ILTs, and LIR, and can exert immunomodulatory effects on a wide range of immune cells. ILT-11 contains 2 Ig-like C2-type (immunoglobulin-like) domains. It can be detected in tissues of the hematopoietic system, including bone marrow, spleen, lymph node, and peripheral leukocytes. Crosslink of ILT-11 on the surface of monocytes has been shown to induce calcium flux and secretion of several proinflammatory cytokines, which suggests the roles of this protein in triggering innate immune responses.
Keywords	LILRA5; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5; LILRB7; leukocyte immunoglobulin-like receptor subfamily A member 5

GENE INFORMATION

Synonyms	LILRA5; leukocyte immunoglobulin-like receptor, subfamily A (with TM domain), member 5; LILRB7; leukocyte immunoglobulin-like receptor subfamily A member 5; CD85; CD85f; ILT11; LIR9; CD85; CD85 antigen-like family member F; CD85f; ILT-11; ILT11; Immunoglo
Entrez Gene ID	691533
UniProt ID	A0A0G2JTC1