



Rabbit Anti-Human LAIR2 monoclonal antibody, clone S112 (CABT-ZB798)

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

PRODUCT INFORMATION

Specificity	It reacts with Human LAIR2
Target	LAIR2
Immunogen	Recombinant Human LAIR2 (CD306) Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S112
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) This antibody will detect LAIR2 in antibody pair set. [ABPR-ZB378]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human LAIR2 (CD306).
Format	Purified, Liquid
Concentration	Lot specific
Size	50 µL, 100 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 Leukocyte-associated immunoglobulin-like receptor 2 (LAIR2), also known as CD36, is a 131 amino acid protein containing one Ig-like C2-type domain. It is expressed as a soluble receptor exhibiting high affinity for various collagen molecules to which it binds in a hydroxyproline-dependent manner. LAIR2 is a member of the immunoglobulin superfamily and was identified by its similarity to LAIR1, an inhibitory receptor present on mononuclear leukocytes. LAIR2 is thought to be secreted and may help modulate mucosal tolerance. As a natural competitor for LAIR1, soluble LAIR2 prevents binding of human LAIR1 to collagens and LAIR1 cross-linking, thereby regulating its inhibitory potential. Accordingly, LAIR2 is suggested to perform an immunoregulatory function.

Keywords LAIR2; leukocyte-associated immunoglobulin-like receptor 2; leukocyte associated Ig like receptor 2; CD306

GENE INFORMATION

Synonyms LAIR2; leukocyte-associated immunoglobulin-like receptor 2; leukocyte associated Ig like receptor 2; CD306; LAIR-2; leukocyte-associated Ig-like receptor 2; leukocyte-associated Ig-like receptor-2; MGC71634

Entrez Gene ID [3904](#)

UniProt ID [Q6ISS4](#)