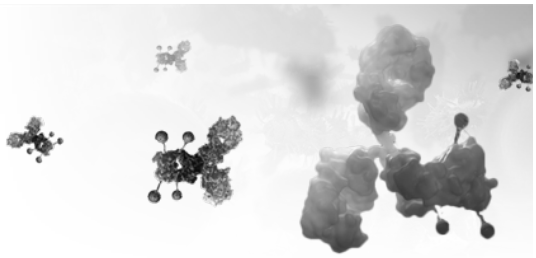

Rabbit Anti-Human CXADR/CAR monoclonal antibody, clone S134 (CABT-ZB739)

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

PRODUCT INFORMATION

Specificity	It reacts with Human CXADR/CAR
Target	CXADR
Immunogen	Recombinant Human CXADR/CAR Protein
Isotype	IgG1
Source/Host	Rabbit
Species Reactivity	Human
Clone	S134
Purification	Protein A purified
Conjugate	Unconjugated
Applications	ELISA(cap) We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB739 - CABT-ZB1057 This antibody will detect CXADR/CAR in antibody pair set. [ABPR-ZB319]
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human CXADR / CAR.
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	CXADR (coxsackie virus and adenovirus receptor), also known as CAR, is a type I transmembrane glycoprotein belonging to the CTX family of the Ig superfamily, and is essential for normal cardiac development in the mouse. Proposed as a homophilic cell adhesion molecule, CXADR is a component of the epithelial apical junction complex that is essential for the tight junction integrity, and probably involved in transepithelial migration of polymorphonuclear leukocytes (PMN). Mature mouse CXADR structrually comprises a 218 aa extracellular domain (ECD) with a V-type (D1) and a C2-type (D2) Ig-like domain, a 21 aa transmembrane segment and a 17 aa intracellular domain, among which,D1 is thought to be responsible for homodimer formation in trans within tight junctions. The ECD of mouse CXADR shares 97%, 9% sequence identity with the corresponding regions of rat, human CXADR.
Keywords	CXADR; coxsackie virus and adenovirus receptor; CAR; HCAR

GENE INFORMATION

Synonyms	CXADR; coxsackie virus and adenovirus receptor; CAR; HCAR; CAR4/6; coxsackievirus and adenovirus receptor; HCVADR; CVB3-binding protein; coxsackievirus B-adenovirus receptor; 46 kD coxsackievirus and adenovirus receptor (CAR) protein
Entrez Gene ID	1525
UniProt ID	Q86YT9

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