

Anti-CXADR/CAR Antibody (8A220)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	Unconjugated
Clone:	8A220
Purification:	Protein A

Applications

Verified Activity:	1. Immunochemical staining of mouse CXADR in mouse stomach with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of mouse CXADR in mouse liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	ELISA,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:100-1:500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein: Mouse CXADR protein (TMPY-01939)
Antigen Species:	Mouse
Synonyms:	CXADR;CAR4/6;CAR;HCAR;coxsackie virus and adenovirus receptor

Research Background

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 structurally 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481