

Rabbit anti-Mouse CAR/CXADR Monoclonal Antibody | anti-CXADR antibody

Recombinant Anti-CAR/CXADR Antibody, Rabbit Monoclonal

CATALOG # AAA257054	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, ELISA
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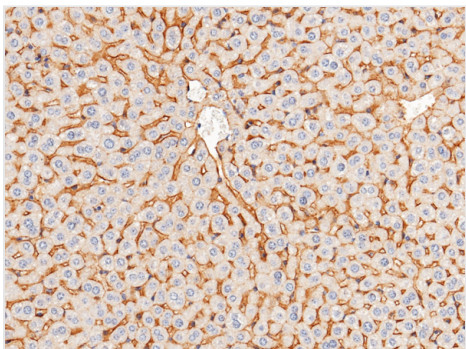
PRODUCT SYNONYMS

CAR/CXADR; Monoclonal Antibody; Recombinant Anti-CAR/CXADR Antibody; Rabbit Monoclonal; CXADR Antibody; Rabbit MAb; coxsackie virus and adenovirus receptor; Anti-2610206D03Rik Antibody; Anti-AU016810 Antibody; Anti-AW553441 Antibody; Anti-CAR Antibody; Anti-MCAR Antibody; Anti-MCVADR Antibody; anti-CXADR antibody

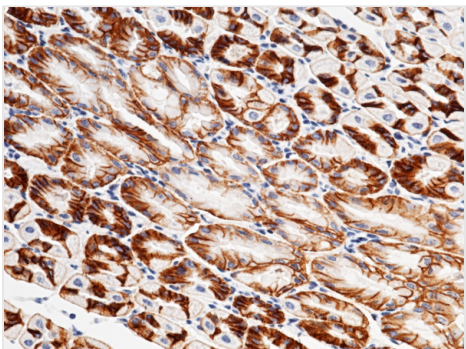
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	001
Specificity	Mouse CXADR. Has cross-reactivity in ELISA with Human CXADR Has cross-reactivity in ELISA with Human CXADR
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-CXADR antibody	IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Mouse CXADR protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Mouse CXADR (rM CXADR).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of mouse CXADR in mouse liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of mouse CXADR in mouse stomach with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-CXADR antibody	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.
References	Tomko, R.P. et al., 1997, Proc. Natl. Acad. Sci. U.S.A. 94 (7): 3352-3356. van Raaij, M.J. et al., 2001, Structure. 8 (11): 1147-1155. Cohen, C.J. et al., 2001, J. Biol. Chem. 276 (27): 25392-25398. Carson, S.D. et al., 2002, Rev. Med. Virol. 11 (4): 219-226. Selinka, H.C. et al., 2004, Med. Microbiol. Immunol. 193 (2-3): 127-131. Philipson, L. et al., 2004, Curr. Top. Microbiol. Immunol. 273:87-111. Raschperger, E. et al., 2006, Exp. Cell Res. 312: 1566-1580.

NCBI AND UNIPROT INFORMATION

NCBI GI #	68510034
NCBI GeneID	13052
NCBI Accession #	NP_001020363.1
NCBI GenBank Nucleotide #	NM_001025192.3
UniProt Accession #	P97792; O09052; Q3ULD0; Q91W66; Q99KG0; Q9DBJ8
Molecular Weight	17,781 Da
NCBI Official Full Name	coxsackievirus and adenovirus receptor homolog isoform a
NCBI Official Synonym Full Names	coxsackie virus and adenovirus receptor
NCBI Official Symbol	Cxadr
NCBI Official Synonym Symbols	CAR; MCVADR; AU016810; AW553441; 2610206D03Rik
NCBI Protein Information	coxsackievirus and adenovirus receptor homolog
UniProt Protein Name	Coxsackievirus and adenovirus receptor homolog
UniProt Gene Name	Cxadr
UniProt Synonym Gene Names	Car; CAR; mCAR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/car-cxadr-antibody-clone-001-immunohistochemistry-elisa/257054>