

CXADR antibody

Product Information

Catalog No.:	FNab02091
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Component of the epithelial apical junction complex that may function as a homophilic cell adhesion molecule and is essential for tight junction integrity. Also involved in transepithelial migration of leukocytes through adhesive interactions with JAML a transmembrane protein of the plasma membrane of leukocytes. The interaction between both receptors also mediates the activation of gamma-delta T-cells, a subpopulation of T-cells residing in epithelia and involved in tissue homeostasis and repair. Upon epithelial CXADR-binding, JAML induces downstream cell signaling events in gamma-delta T-cells through PI3-kinase and MAP kinases. It results in proliferation and production of cytokines and growth factors by T-cells that in turn stimulate epithelial tissues repair. (Microbial infection) Acts as a receptor for adenovirus type C(PubMed:9733828, PubMed:10666333, PubMed:12297051, PubMed:10567268). Acts as a receptor for Coxsackievirus B1 to B6(PubMed:14978041, PubMed:10814575).

Immunogen information

Immunogen:	coxsackie virus and adenovirus receptor
Synonyms:	Coxsackievirus and adenovirus receptor (CAR, hCAR) CVB3-binding protein Coxsackievirus B-adenovirus receptor HCVADR CXADR CAR
Observed MW:	55 kDa
Uniprot ID :	P78310

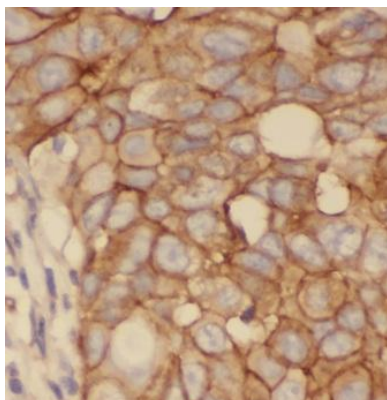
Application

Reactivity: Human, Mouse, Rat

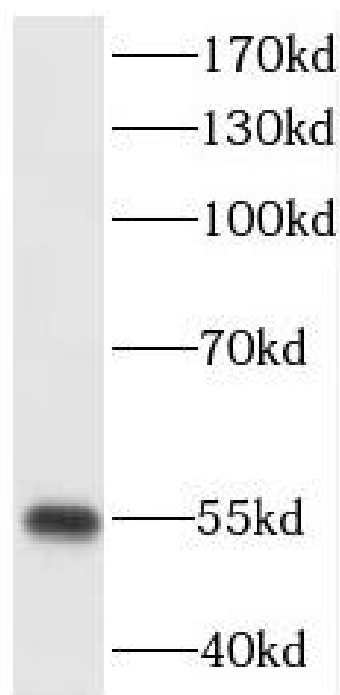
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer using FNab02091(CXADR antibody) at dilution of 1:50



BxPC-3 cells were subjected to SDS PAGE followed by western blot with FNab02091(CXADR antibody) at dilution of 1:500