

ARG67127 anti-CXCR7 / CD187 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CXCR7 / CD187
Tested Reactivity	Hu, Ms, Rat, Mk
Tested Application	ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCR7 / CD187
Species	Human
Immunogen	Synthetic peptide of Human CXCR7 / CD187 (a.a. 311-360).
Conjugation	Un-conjugated
Alternate Names	ACKR3; Atypical Chemokine Receptor 3; GPR159; RDC1; Chemokine Orphan Receptor 1; CMKOR1; CXCR7; G-Protein Coupled Receptor RDC1 Homolog; Chemokine (C-X-C Motif) Receptor 7; C-X-C Chemokine Receptor Type 7 ; G-Protein Coupled Receptor 159; CXC-R7; CXCR-7; RDC-1; G Protein-Coupled Receptor

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:200 - 1:1000
	WB	1:500 - 1:2000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

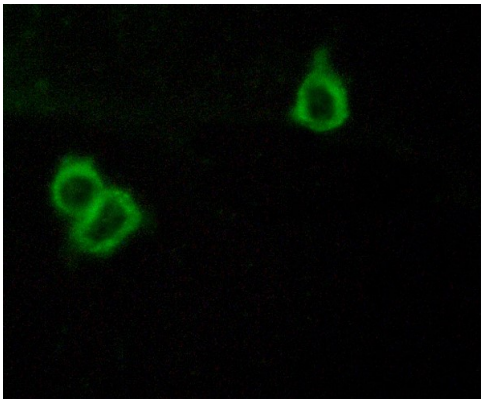
Properties

Form	Liquid
Purification	Affinity chromatography using epitope-specific immunogen.
Buffer	PBS with 0.02% Sodium azide, 0.5% BSA and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	5% BSA and 50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

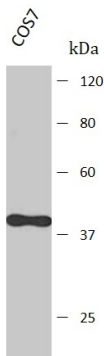
Gene Symbol	ACKR3
Gene Full Name	Atypical Chemokine Receptor 3
Background	This gene encodes a member of the G-protein coupled receptor family. Although this protein was earlier thought to be a receptor for vasoactive intestinal peptide (VIP), it is now considered to be an orphan receptor, in that its endogenous ligand has not been identified. The protein is also a coreceptor for human immunodeficiency viruses (HIV). Translocations involving this gene and HMGA2 on chromosome 12 have been observed in lipomas. [provided by RefSeq, Jul 2008]
Function	Atypical chemokine receptor that controls chemokine levels and localization via high-affinity chemokine binding that is uncoupled from classic ligand-driven signal transduction cascades, resulting instead in chemokine sequestration, degradation, or transcytosis. Also known as interceptor (internalizing receptor) or chemokine-scavenging receptor or chemokine decoy receptor. Acts as a receptor for chemokines CXCL11 and CXCL12/SDF1. [Uniprot]
Calculated Mw	41 kDa
PTM	Disulfide bond, Glycoprotein, Phosphoprotein, Ubl conjugation. [Uniprot]
Cellular Localization	Cell membrane, Endosome, Membrane. [Uniprot]

Images



ARG67127 anti-CXCR7 / CD187 antibody ICC/IF image

Immunofluorescence: COS7 stained with ARG67127 anti-CXCR7 / CD187 antibody.



ARG67127 anti-CXCR7 / CD187 antibody WB image

Western blot: COS7 stained with ARG67127 anti-CXCR7 / CD187 antibody at 1:2000 dilution.

ARG67127 anti-CXCR7 / CD187 antibody WB image

Western blot: RAW264.7 stained with ARG67127 anti-CXCR7 / CD187 antibody at 1:2000 dilution.

