

Anti-CXCR4 (C-terminal region) Antibody



Product Details

Available Variants	100 µL (SKU:CP4231)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	CXCR4
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA and 0.05% NaN ₃
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:250 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	CXCR4 synthetic peptide (coupled to carrier protein) corresponds to amino acids in the C-terminal region of human CXCR4. This sequence is conserved in mouse and rat CXCR4, but has low homology to other CXCR family members.
Specificity	The antibody detects bands at 35, 42, 50, and 100 kDa* corresponding to various post-translationally modified forms of CXCR4 on SDS-PAGE immunoblots of human Jurkat and PC3 cells. These bands co-migrate with similar bands detected with anti-CXCR4 (Ser-324/Ser-325) and anti-CXCR4 (a.a. 322-329) antibodies.
Molecular Weight	35,42,50,100
Quality Control	Western blots performed on each lot.
Storage	Recommended that the undiluted antibody be aliquoted into smaller working volumes (10-30 µL/vial depending on usage) upon arrival and stored long term

at -20° C or -80° C, while keeping a working aliquot stored at 4° C for short term. Avoid freeze/thaw cycles. Stable for at least 1 year.

UniProt ID P61073

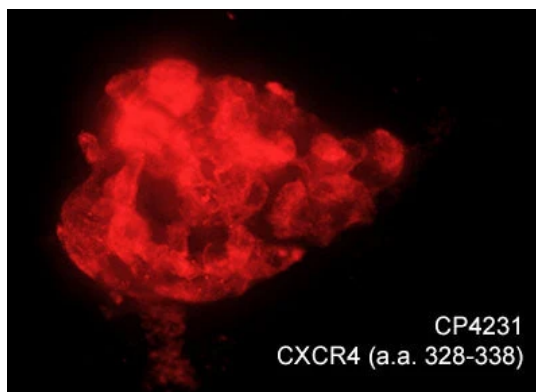
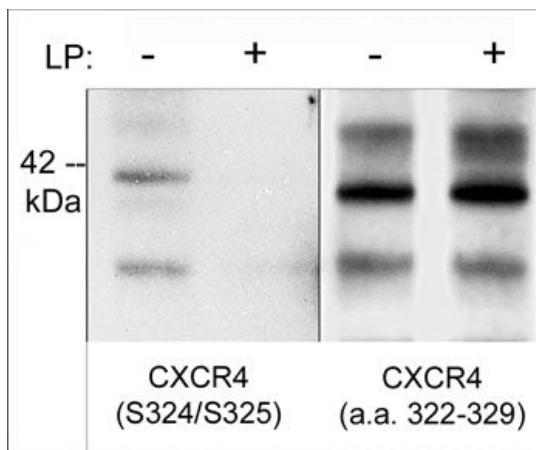
Country of Origin United States

Shipping Blue Ice

Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Immunocytochemical labeling of CXCR4 in chick pluripotent cells. The cells were labeled with rabbit polyclonal CXCR4 (a.a. 328-338) antibody (CP4231), then detected using appropriate secondary antibody (Red). (Image provided by Dr. Yangqing Lu at the Regenerative Bioscience Center, University of Georgia).



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