

ARG54407 anti-CXCR6 / Bonzo antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes CXCR6 / Bonzo
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody recognizes full-length Bonzo (40 kD).
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	CXCR6 / Bonzo
Species	Human
Immunogen	Peptide corresponding to aa 319-338 at the C-terminus of human Bonzo. The sequence of this peptide is identical to those of macaque and African green monkey.
Conjugation	Un-conjugated
Alternate Names	CDw186; BONZO; STRL33; CXCR-6; TYMSTR; C-X-C chemokine receptor type 6; G-protein coupled receptor STRL33; CD antigen CD186; G-protein coupled receptor bonzo; CD186; CXC-R6

Application Instructions

Application Note	Western blot: use at 1:1,000 dilution. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	SW1353

Properties

Form	Liquid
Purification	Immunoaffinity chroma-tography
Buffer	PBS (pH 7.4) and 0.02% Sodium azide
Preservative	0.02% Sodium azide
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

Database links	GeneID: 10663 Human Swiss-port # O00574 Human
Gene Symbol	CXCR6
Gene Full Name	chemokine (C-X-C motif) receptor 6
Background	Human immunodeficiency virus (HIV) and simian immunodeficiency virus (SIV) require coreceptors in addition to CD4 to infect target cells. Some G protein-coupled receptors in the chemokine receptor family, including CCR5, CXCR4, CCR3, and CCR2b, have previously been identified as HIV coreceptors. An orphan G protein-coupled receptor designated Bonzo was recently cloned and identified as a HIV-1 and -2 and SIV coreceptor (also called STRL33 and TYMSTR). The messenger RNA for Bonzo is expressed in lymphoid tissues and activated peripheral blood lymphocytes.
Function	Receptor for the C-X-C chemokine CXCL16. Used as a coreceptor by SIVs and by strains of HIV-2 and m-tropic HIV-1. [UniProt]
Research Area	Immune System antibody; Microbiology and Infectious Disease antibody
Calculated Mw	39 kDa