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Datasheet for ABIN6990313 **anti-CXCR6 antibody (N-Term)**

Overview

Quantity:	0.1 mg
Target:	CXCR6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CXCR6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	Bonzo antibody was raised against a peptide corresponding to 15 amino acids near the amino terminus of human Bonzo/STRL33. The immunogen is located within the first 50 amino acids of Bonzo.
Isotype:	IgG
Purification:	Bonzo Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	CXCR6
Alternative Name:	Bonzo (CXCR6 Products)
Background:	Bonzo Antibody: Human immunodeficiency virus (HIV) and simian immunodeficiency virus

Target Details

(SIV) require coreceptors, in addition to CD4, to infect target cells. Some G protein-coupled receptors including CCR5, CXCR4, CCR3, and CCR2b in the chemokine receptor family have been identified as HIV coreceptors. An orphan G protein-coupled receptor was recently cloned and designated Bonzo, STRL33 and TYMSTR, and identified as HIV and SIV coreceptor. Bonzo/STRL33 serves as coreceptor for SIV, HIV-2 and HIV-1. The messenger RNA of Bonzo/STRL33 is expressed in lymphoid tissues and activated peripheral blood lymphocytes.

Molecular Weight: Predicted: 38 kDa

Observed: 43 kDa

Gene ID: 10663

UniProt: [O00574](#)

Application Details

Application Notes: Bonzo antibody can be used for detection of Bonzo by Western blot at 0.5 µg/mL. Antibody can also be used for immunohistochemistry starting at 2.5 µg/mL. For immunofluorescence start at 20 µg/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Bonzo Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: Bonzo antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should

not be exposed to prolonged high temperatures.