

Datasheet for ABIN499487  
**anti-CXCR6 antibody (N-Term)**

## 2 Images

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## 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), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA) |

## Product Details

|               |   |
|---------------|---|
| Immunogen:    | Human Bonzo (N-Terminus 2) Peptide  |
| Isotype:      | IgG   |
| Specificity:  | Bonzo antibody was raised against a peptide corresponding to amino acids near the amino terminus of human Bonzo/STRL33. The sequence of this peptide differs from those of African green monkey and pig-tailed macaque by one or two amino acids, respectively. |
| Purification: | Affinity chromatography purified via peptide column   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | CXCR6  |
| Alternative Name: | CD186 / CXCR6 ( <a href="#">CXCR6 Products</a> ) |

## Target Details

**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 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 (1-4). 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. Synonyms: BONZO, CDw186, CXC-R6, CXCR-6, G-protein coupled receptor STRL33, G-protein coupled receptor bonzo, STRL33, TYMSTR

**Gene ID:** 10663

**NCBI Accession:** [NP\\_006555](#)

**UniProt:** [O00574](#)

## Application Details

**Application Notes:** ELISA. Western Blot: Bonzo antibody can be used for detection of Bonzo at 1/500 dilution. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

**Restrictions:** For Research Use only

## Handling

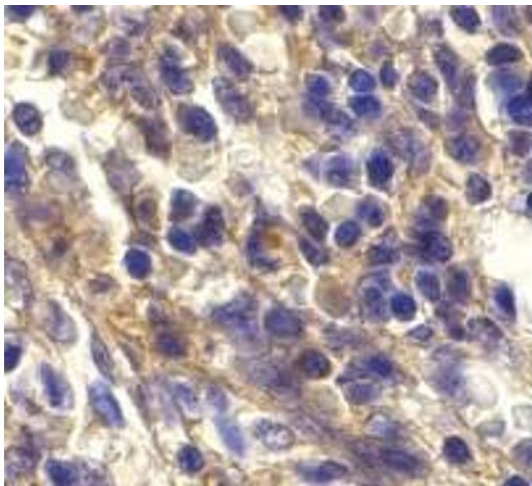
**Buffer:** PBS containing 0.02 % sodium azide.

**Preservative:** Sodium azide

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

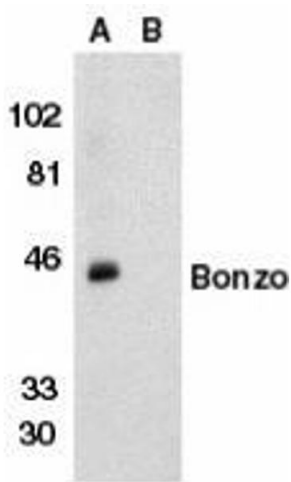
**Storage:** 4 °C

**Storage Comment:** Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** Immunohistochemistry of Bonzo in human spleen cells with Bonzo antibody at 20 µg/ml.



Western Blotting

**Image 2.** Western blot analysis of Bonzo in human spleen tissue lysate in the absence (lane A) or presence (lane B) of peptide with AP30160PU-N Bonzo antibody (NT2) at 1/500 dilution.