

**Anti-Bonzo Antibody**  
Catalog # ABO11388**Specification****Anti-Bonzo Antibody - Product Information**

Application	IHC, WB
Primary Accession	<a href="#">O00574</a>
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

**Description**

Rabbit IgG polyclonal antibody for C-X-C chemokine receptor type 6(CXCR6) detection. Tested with WB, IHC-P in Human.

**Reconstitution**

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

**Anti-Bonzo Antibody - Additional Information**

**Gene ID** 10663

**Other Names**

C-X-C chemokine receptor type 6, CXC-R6, CXCR-6, CDw186, G-protein coupled receptor STRL33, G-protein coupled receptor bonzo, CD186, CXCR6, BONZO, STRL33, TYMSTR

**Calculated MW**

39280 MW KDa

**Application Details**

Immunohistochemistry(Paraffin-embedded Section), 0.5-1 µg/ml, Human, By Heat<br>Western blot, 0.1-0.5 µg/ml, Human<br>

**Subcellular Localization**

Cell membrane; Multi-pass membrane protein.

**Tissue Specificity**

Expressed in lymphoid tissues and activated T cells.

**Protein Name**

C-X-C chemokine receptor type 6

**Contents**

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na<sub>2</sub>HPO<sub>4</sub>, 0.05mg Thimerosal, 0.05mg NaN<sub>3</sub>.

**Immunogen**

A synthetic peptide corresponding to a sequence at the C-terminus of human Bonzo(322-342aa EDNSKTFASHNVEATSMFQL), different from the related mouse and rat sequences by three amino acids.

### Purification

Immunogen affinity purified.

### Cross Reactivity

No cross reactivity with other proteins

### Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

### Sequence Similarities

Belongs to the G-protein coupled receptor 1 family.

## Anti-Bonzo Antibody - Protein Information

**Name** CXCR6

**Synonyms** BONZO, STRL33, TYMSTR

### 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.

### Cellular Location

Cell membrane; Multi-pass membrane protein.

### Tissue Location

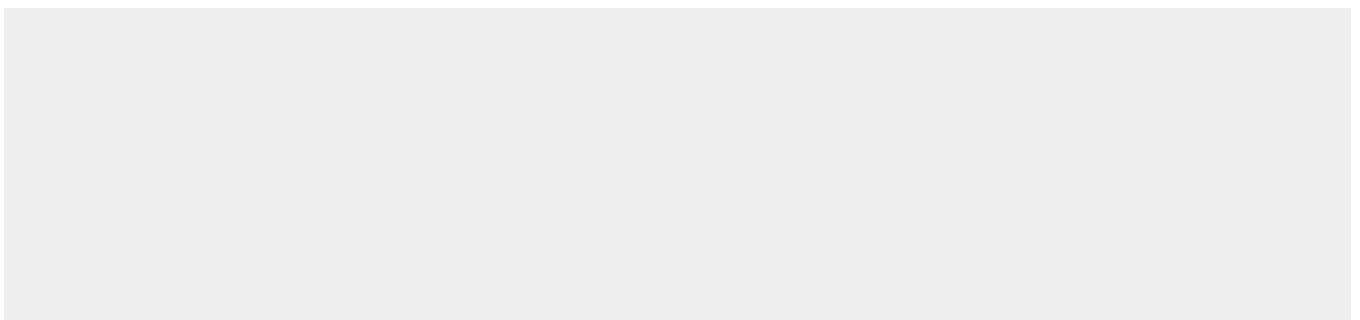
Expressed in lymphoid tissues and activated T cells

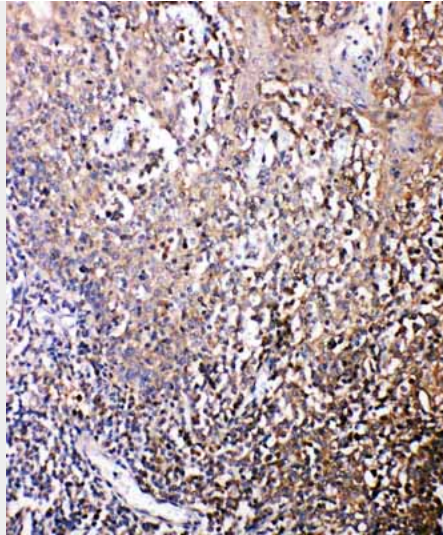
## Anti-Bonzo Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

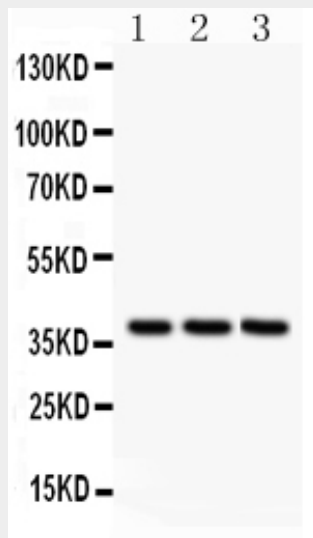
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-Bonzo Antibody - Images





Anti-Bonzo antibody, ABO11388, IHC(P)IHC(P): Human Tonsil Tissue



Anti-Bonzo antibody, ABO11388, Western blotting All lanes: Anti Bonzo (ABO11388) at 0.5ug/ml Lane 1: HELA Whole Cell Lysate at 40ug Lane 2: JURKAT Whole Cell Lysate at 40ug Lane 3: MCF-7 Whole Cell Lysate at 40ug Predicted bind size: 39KD Observed bind size: 39KD

### Anti-Bonzo Antibody - Background

CXCR6 (Chemokine, CXC Motif, Receptor 6), also known as STRL33, is a protein that in humans is encoded by the CXCR6 gene. By Southern blot analysis of genomic DNA and somatic cell hybrid analysis, Liao et al. (1997) mapped the single-copy STRL33 gene to chromosome 3. Matloubian et al. (2000) found that human and mouse cells expressing CXCR6 showed a strong chemotactic response to CXCL16 but not to other chemokines. The authors concluded that CXCL16 and CXCR6 probably function in interactions between dendritic cells and T cells and in regulating T-cell migration in the splenic red pulp. Kim et al. (2001) concluded that CXCR6 may be important in the trafficking of effector T cells mediating type-1 inflammation.