

**Product:** Anti-Bonzo (CT) (STRL33, TYMSTR)  
**Catalog #:** 12-1170  
**Amount:** 25 mg

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**CATEGORY:**  
**DESCRIPTION:**

**Rabbit** Polyclonal

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. Bonzo/STRL33 is used by SIV, HIV-2 and HIV-1. The messenger RNA of Bonzo/STRL33 is expressed in lymphoid tissues and activated peripheral blood lymphocytes.

**FORM:**  
**IMMUNOGEN:**

Purified IgG in PBS containing 0.02% Sodium Azide  
A peptide corresponding to amino acids 319 to 338 of human Bonzo. The sequence of this peptide is identical to those of macaque and african green monkey.

**APPLICATION:**  
**REACTIVITY/SPECIES:**  
**RECOMMENDED FOR**  
**POSITIVE CONTROL:**  
**STORAGE:**

Immunoblotting (min. dilution 1:500)  
Human, macaque, african green monkey

whole cell lysate from SW1353 cells  
2-8°C for immediate use, or at -20°C (aliquot)

**12-1170P Blocking peptide available**

REFERENCES:

Deng, HK. et al. (1997) Nature **388**: 296-300  
Liao, F. et al. (1997) J Exp. Med **185**: 2015-2023  
Alkhatib, G. et al. (1997) Nature **388**: 238  
Loetscher, M. et al. (1997) Curr Biol **7**: 652-660

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