

Anti-Bonzo (CT) Antibody

ORDERING INFORMATION

Catalog No.: 2415

Size: 100 ug IgG in PBS, pH 7.4,
purified by immunoaffinity chroma-
tography.

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.

SPECIFICATION SUMMARY

Antigen: 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.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes full-length Bonzo (40 kD).

APPLICATIONS

Immunoblotting: use at 1:1,000 dilution.

Positive control: Whole cell lysate from SW1353 cells.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

This antibody is stable for at least one (1) year at -20°C. Avoid multiple freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.