

QED Bioscience Inc.

ADVANCED RESEARCH TECHNOLOGIES

Anti-Bonzo (NT2) Antibody

ORDERING INFORMATION

Catalog No.: 2209

Size: 100 ug IgG in PBS, pH 7.4, purified by immunoaffinity chromatography.

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 11-25 at the N-terminus of human Bonzo. The sequence of this peptide differs from those of African green monkey and macaque by one or two amino acids, respectively.

Host Species: Rabbit

Stabilizers: None

Preservatives: 0.02% sodium azide.

SPECIFICITY

This antibody recognizes human Bonzo (40 kD).

APPLICATIONS

Immunoblotting: use at 1:500 dilution.

Positive control: Tissue lysate of human spleen.

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.