

## 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.*