

## Bonzo Antibody

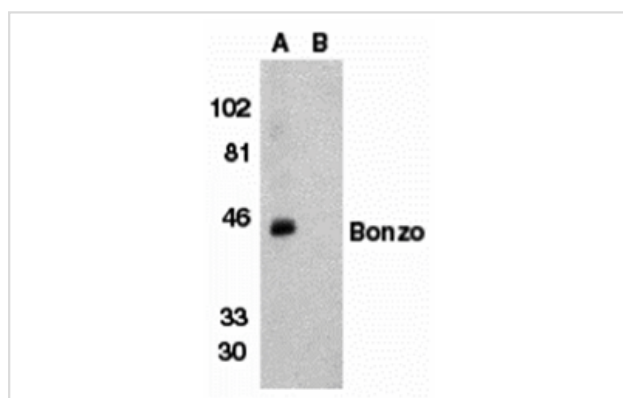
Catalog No: #24083

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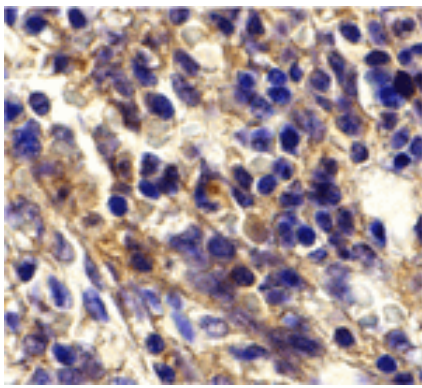
## Description

Product Name	Bonzo Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Raised against a peptide corresponding to amino acids near the amino terminus of human Bonzo/STRL33. The sequence of. This peptide differs from those of African green monkey and pig-tailed macaque by one or two amino acids, respectively,.
Target Name	Bonzo
Other Names	STRL33
Accession No.	U73529
Uniprot	U73529
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of Bonzo in human spleen tissue lysate in the absence (lane A) or presence (lane B) of peptide with Bonzo antibody (NT2) at 1:500 dilution.



Immunohistochemistry of Bonzo in human spleen cells with Bonzo antibody at 20 ug/mL.

## 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 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 serves as coreceptor for SIV, HIV-2 and HIV-1. The messenger RNA of Bonzo/STRL33 is expressed in lymphoid tissues and activated peripheral blood lymphocytes.

Note: This product is for in vitro research use only