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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

CXCR6 (NT). Rabbit Polyclonal Antibody

G-protein coupled receptor Bonzo, G-protein coupled receptor STRL33, CDw186

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 an HIV and SIV coreceptor¹⁻⁴. 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.

ORDERING INFORMATION

CATALOG NUMBER

X1143P

SIZE

100 µg

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided in phosphate buffered saline solution containing 0.02% sodium azide as a preservative

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot

SPECIES REACTIVITY

Human

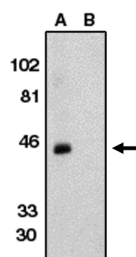
ACCESSION NUMBER

Human O00574

IMMUNOGEN

Antibody raised against a synthetic peptide corresponding to amino acids 11 to 25 of the human Bonzo protein. Peptide sequence differs from those of African green monkey and pig-tailed macaque by one or two amino acids, respectively.

Western blot analysis using anti-Bonzo (NT2) antibody at 1 µg/ml on human spleen tissue lysates.



POSITIVE CONTROL/TISSUE EXPRESSION

Human spleen tissue lysates

COMMENTS

Detects Bonzo protein by Western blot at 0.5 to 1 μ g/ml. Detects an approximately 45 kDa band in human spleen tissue lysate. Optimal concentration should be evaluated by serial dilutions.

PURIFICATION

Antigen Immunoaffinity Purification

SHIP CONDITIONS

Ship at ambient temperature, freeze upon arrival

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Products are stable for one year from purchase when stored properly

REFERENCES

1. Deng, H.K., et al. 'Expression cloning of new receptors used by simian and human immunodeficiency viruses.' Nature 1997, 388, 296-300
2. Liao, F., et al. 'STRL33, A novel chemokine receptor-like protein, functions as a fusion cofactor for both macrophage-tropic and T cell line-tropic HIV-1.' J. Exp. Med. 1997, 185, 2015-2023
3. Alkhatib, G., et al. 'A new SIV co-receptor, STRL33.' Nature 1997, 388, 238
4. Loetscher, M., et al. 'TYMSTR, a putative chemokine receptor selectively expressed in activated T cells, exhibits HIV-1 coreceptor function.' Curr. Biol. 1997, 7, 652-660

PRODUCT SPECIFIC REFERENCES