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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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TNFRSF14 NT (Tumor necrosis factor receptor superfamily 14). Rabbit Polyclonal Antibody
Tumor necrosis factor receptor superfamily 14, Herpesvirus

BACKGROUND

Tumor necrosis factor receptor (TNFR) superfamily members are defined by cysteine-rich domains in their extracellular regions that bind TNF-related ligands that share a common structural homology in their extracellular domain. TNFRSF14 was initially identified as the Herpesvirus entry mediator and upon binding to the herpes simplex virus (HSV) envelope glycoprotein D or either of its natural ligands LIGHT and lymphotoxin alpha (LT), activates the transcription factors NF- κ B and AP-1. Activation of this signal transduction pathway in T cells stimulates T cell proliferation and cytokine production, leading to inflammation and enhanced CTL-mediated tumor immunity, suggesting that these proteins may be useful as potential targets for controlling cellular immune responses.

ORDERING INFORMATION

CATALOG NUMBER

X1831P

SIZE

100 μ g

FORM

Unconjugated

HOST/CLONE

Rabbit

FORMULATION

Provided as solution in phosphate buffered saline with 0.02% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG

APPLICATIONS

Western Blot

SPECIES REACTIVITY

Human, Mouse

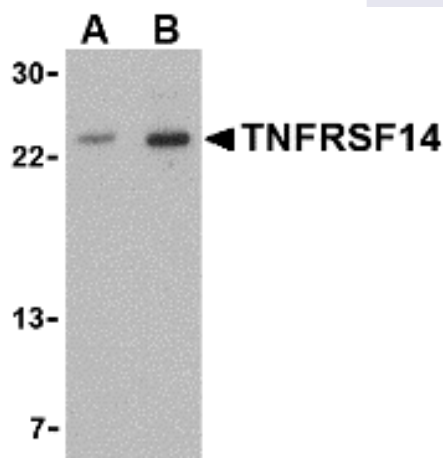
ACCESSION NUMBER

Human Q92956

IMMUNOGEN

Rabbit polyclonal TNFRSF14 antibody was raised against a 15 amino acid peptide from near the amino terminus of human TNFRSF14

Western blot analysis of TNFRSF14 in mouse thymus tissue lysate with TNFRSF14 antibody at (A) 1 and (B) 2 μ g/ml.



POSITIVE CONTROL/TISSUE EXPRESSION

Positive Control: Raji Cell Lysate

Located in the membrane and widely expressed, with the highest expression in lung, spleen and thymus.⁶

COMMENTS

TNFRSF14 antibody can be used for the detection of TNFRSF14 by Western blot at 1 - 2 ug/ml.

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) Watts TH. TNF/TNFR family members in costimulation of T cell responses. *Annu. Rev. Immunol.* 2005; 23:23-68.
- 2) Montgomery RI, Warner MS, Lum BJ, et al. Herpes simplex virus-1 entry into cells mediated by a novel member of the TNF/NGF receptor family. *Cell* 1996; 87:427-36.
- 3) Marsters SA, Ayres TM, Skubatch M, et al. Herpesvirus entry mediator, a member of the tumor necrosis factor receptor (TNFR) family, interacts with members of the TNFR-associated factor family and activates the transcription factors NF-kappaB and AP-1. *J. Biol. Chem.* 1997; 272:14029-32.
- 4) Mauri DN, Ebner R, Montgomery RI, et al. LIGHT, a new member of the TNF superfamily, and lymphotoxin alpha are ligands for herpesvirus entry mediator. *Immunity* 1998; 8:21-30.
- 5) Granger SW and Rickert S. LIGHT-HVEM signaling and the regulation of T cell-mediated immunity. *Cyto. and Growth Factor Rev.* 2003; 14:289-96. (06-01D)
- 6) UniProtKB/Swiss-Prot entry Q92956, <http://www.expasy.org/uniprot/Q92956>, Accessed February 27, 2007.

PRODUCT SPECIFIC REFERENCES