

## **TALL-1 Polyclonal Antibody**

Catalog No: YT5166

**Reactivity:** Human; Mouse

**Applications:** WB;IHC;IF;ELISA

Target: TALL-1

**Fields:** >>Cytokine-cytokine receptor interaction;>>NF-kappa B signaling

pathway;>>Intestinal immune network for IgA production;>>Rheumatoid arthritis

Gene Name: TNFSF13B

**Protein Name:** Tumor necrosis factor ligand superfamily member 13B

Q9Y275

Q9WU72

Human Gene Id: 10673

**Human Swiss Prot** 

No:

**Mouse Swiss Prot** 

No:

**Immunogen:** The antiserum was produced against synthesized peptide derived from the

Internal region of human TNFSF13B. AA range:151-200

**Specificity:** TALL-1 Polyclonal Antibody detects endogenous levels of TALL-1 protein.

**Formulation :** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

**Dilution :** WB 1:500 - 1:2000. IHC: 1:100-300 ELISA: 1:20000.. IF 1:50-200

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

**Storage Stability:** -15°C to -25°C/1 year(Do not lower than -25°C)

1/3



Observed Band: 32kD

**Cell Pathway:** Cytokine-cytokine receptor interaction;Intestinal immune network for IgA

production;

**Background:** The protein encoded by this gene is a cytokine that belongs to the tumor

necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells. Alternatively spliced transcript variants encoding distinct isoforms have

been identified. [provided by RefSeq, Mar 2011],

**Function:** function:Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA.

TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B-and T-cell function and the

regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B-cells and the B-cell response.,induction:Up-regulated by exposure to interferon-gamma. Down-

regulated by phorbol myristate acetate/ionomycin treatment.,online information:Proteic grace - Issue 77 of December 2006,PTM:N-

glycosylated.,PTM:The soluble form derives from the membrane form by proteolytic processing.,similarity:Belongs to the tumor necrosis factor

family.,subunit:Homotrimer.,tissue specificity:Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages.

Also found in the spleen, lymph node, bo

Subcellular Location:

Cell membrane; Single-pass type II membrane protein.; [Tumor necrosis factor

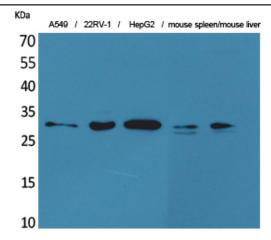
ligand superfamily member 13b, soluble form]: Secreted.

**Expression:** 

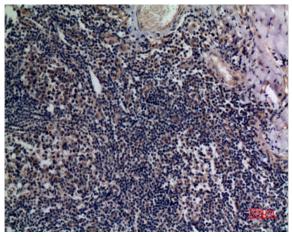
Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. Isoform 2 is expressed in many

myeloid cell lines.

## **Products Images**



Western Blot analysis of A549, 22RV-1, HepG2, mouse spleen, mouse liver cells using TALL-1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded humantonsils, antibody was diluted at 1:100