



TALL-1 Monoclonal Antibody

Catalog No	YP-mAb-15993
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TNFSF13B
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human TNFSF13B. AA range:151-200
Specificity	TALL-1 Monoclonal Antibody detects endogenous levels of TALL-1 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DTL;BAFF;BLYS;CD257;TALL1;THANK;ZTNF4;TALL-1;TNLG7A;TNFSF20; TNFSF13B;Tumor necrosis factor ligand superfamily member 13B;B lymphocyte stimulator;B-cell-activating factor;Dendritic cell-derived TNF-like molecule;TNF- and APOL-related leukocyte expressed ligand 1
Observed Band	32kD
Calculated Molecular Weight	32kD
Cell Pathway	Cell membrane; Single-pass type II membrane protein.; [Tumor necrosis factor ligand superfamily member 13b, soluble form]: Secreted.
Tissue Specificity	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.
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

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],

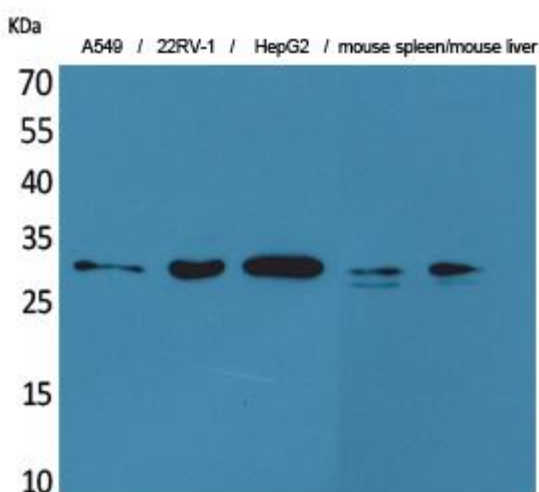
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using TALL-1 Monoclonal Antibody