



VEGI Monoclonal Antibody

Catalog No	YP-mAb-15981
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TNFSF15
Immunogen	The antiserum was produced against synthesized peptide derived from human TNFSF15. AA range:181-230
Specificity	VEGI Monoclonal Antibody detects endogenous levels of VEGI 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	VEGI;TNFSF15;Tumor necrosis factor ligand superfamily member 15;TL1;TNF ligand-related molecule 1;Vascular endothelial cell growth inhibitor
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Membrane ; Single-pass type II membrane protein .; [Tumor necrosis factor ligand superfamily member 15, secreted form]: Secreted.
Tissue Specificity	Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon.
Function	function:Receptor for TNFRSF25 and TNFRSF6B. Mediates activation of NF-kappa-B. Inhibits vascular endothelial growth and angiogenesis (in vitro). Promotes activation of caspases and apoptosis.,induction:Up-regulated by IL-1-alpha and TNF-alpha.,similarity:Belongs to the tumor necrosis factor family., subunit:Homotrimer.,tissue specificity:Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon.,



Background

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This protein is abundantly expressed in endothelial cells, but is not expressed in either B or T cells. The expression of this protein is inducible by TNF and IL-1 alpha. This cytokine is a ligand for receptor TNFRSF25 and decoy receptor TNFRSF21/DR6. It can activate NF-kapMAB and MAP kinases, and acts as an autocrine factor to induce apoptosis in endothelial cells. This cytokine is also found to inhibit endothelial cell proliferation, and thus may function as an angiogenesis inhibitor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2011],

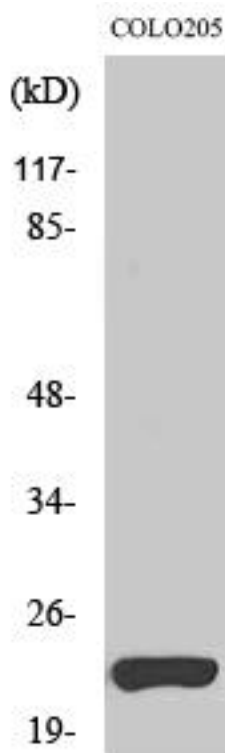
matters needing attention

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 VEGF Monoclonal Antibody