



TSG-6 Monoclonal Antibody

Catalog No	YP-mAb-15975
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	TNFAIP6
Immunogen	The antiserum was produced against synthesized peptide derived from human TSG6. AA range:21-70
Specificity	TSG-6 Monoclonal Antibody detects endogenous levels of TSG-6 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	Hyaluronate binding protein;Hyaluronate-binding protein;TNF alpha induced protein 6;TNF alpha-induced protein 6;TNF stimulated gene 6 protein;TNF-stimulated gene 6 protein;TNFAIP 6;Tnfaip6;TSG 6;TSG-6;TSG6_HUMAN;Tumor necrosis factor alpha induced protein 6;Tumor necrosis factor alpha inducible protein 6;Tumor necrosis factor alpha-induced protein 6;Tumor necrosis factor inducible gene 6 protein;Tumor necrosis factor stimulated gene 6 protein;Tumor necrosis factor-inducible gene 6 protein;TSG6
Observed Band	31kD
Calculated Molecular Weight	31kD
Cell Pathway	Secreted .
Tissue Specificity	Expressed in airway epithelium and submucosal gland (at protein level). Colocalizes with bikunin at the ciliary border. Present in bronchoalveolar lavage fluid (at protein level) (PubMed:16873769). Expressed in mesenchymal stem cells (PubMed:16771708). Found in the synovial fluid of patients with rheumatoid arthritis.



Function

function:Possibly involved in cell-cell and cell-matrix interactions during inflammation and tumorigenesis.,induction:By TNF.,similarity:Contains 1 CUB domain.,similarity:Contains 1 Link domain.,subunit:Interacts with inter-alpha-inhibitor (I-alpha-I). Chondroitin sulfate may be required for the stability of the complex.,tissue specificity:Found in the synovial fluid of patients with rheumatoid arthritis.,

Background

The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis and rheumatoid arthritis.[provided by RefSeq, Dec 2010],

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

