

TGF Beta 2 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP1476b

Specification

TGF Beta 2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [P61812](#)

TGF Beta 2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 7042

Other Names

Transforming growth factor beta-2, TGF-beta-2, BSC-1 cell growth inhibitor, Cetermin, Glioblastoma-derived T-cell suppressor factor, G-TSF, Polyergin, Latency-associated peptide, LAP, TGFB2

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP1476b](/products/AP1476b) was selected from the C-term region of human TGFB2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

TGF Beta 2 Antibody (C-term) Blocking peptide - Protein Information

Name TGFB2

Function

[Transforming growth factor beta-2 proprotein]: Precursor of the Latency-associated peptide (LAP) and Transforming growth factor beta-2 (TGF-beta-2) chains, which constitute the regulatory and active subunit of TGF-beta-2, respectively.

Cellular Location

[Latency-associated peptide]: Secreted, extracellular space, extracellular matrix
{ECO:0000250|UniProtKB:P01137}

TGF Beta 2 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

TGF Beta 2 Antibody (C-term) Blocking peptide - Images

TGF Beta 2 Antibody (C-term) Blocking peptide - Background

Transforming growth factor-beta 2 (TGF- β 2) is a cytokine that performs many cellular functions and has a vital role during embryonic development. It is an extracellular glycosylated protein. It is known to suppress the effects of interleukin dependent T-cell tumors. There are two named isoforms of this protein, created by alternative splicing of the same gene.

TGF Beta 2 Antibody (C-term) Blocking peptide - References

Hatsushika,K., Clin. Exp. Allergy 37 (8), 1165-1174 (2007)Jimi,S., Int. J. Oncol. 31 (2), 397-404 (2007)Ito,T., Biochem. Biophys. Res. Commun. 359 (1), 108-114 (2007)Yao,K., Mol. Vis. 13, 1769-1776 (2007)