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TNFR-S274 Antibody Blocking peptide

Synthetic peptide
Catalog # BP11142a

Specification

TNFR-S274 Antibody Blocking peptide - Product Information

Primary Accession P19438

TNFR-S274 Antibody Blocking peptide - Additional Information

Gene ID 7132

Other Names
Tumor necrosis factor receptor superfamily member 1A, Tumor necrosis factor receptor 1, TNF-R1, Tumor necrosis factor receptor type I, TNF-RI, TNFR-I, p55, p60, CD120a, Tumor necrosis factor receptor superfamily member 1A, membrane form, Tumor necrosis factor-binding protein 1, TBPI, TNFRSF1A, TNFAR, TNFR1

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.

TNFR-S274 Antibody Blocking peptide - Protein Information

Name TNFRSF1A

Synonyms TNFAR, TNFR1

Function
Receptor for TNFSF2/TNF-alpha and homotrimeric TNFSF1/lymphotoxin-alpha. The adapter molecule FADD recruits caspase-8 to the activated receptor. The resulting death-inducing signaling complex (DISC) performs caspase-8 proteolytic activation which initiates the subsequent cascade of caspases (aspartate-specific cysteine proteases) mediating apoptosis. Contributes to the induction of non-cytocidal TNF effects including anti-viral state and activation of the acid sphingomyelinase.

Cellular Location
Cell membrane; Single-pass type I membrane protein Golgi apparatus membrane; Single-pass type I membrane protein. Secreted. Note=A secreted form is produced through proteolytic processing

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TNFR-S274 Antibody Blocking peptide - Protocols

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

- Blocking Peptides

TNFR-S274 Antibody Blocking peptide - Images

TNFR-S274 Antibody Blocking peptide - Background

The protein encoded by this gene is a member of theTNF-receptor superfamily. This protein is one of the majorreceptors for the tumor necrosis factor-alpha. This receptor canactivate NF-kappaB, mediate apoptosis, and function as a regulatorof inflammation. Antiapoptotic protein BCL2-associated athanogene 4(BAG4/SODD) and adaptor proteins TRADD and TRAF2 have been shown tointeract with this receptor, and thus play regulatory roles in thesignal transduction mediated by the receptor. Germline mutations ofthe extracellular domains of this receptor were found to beassociated with the autosomal dominant periodic fever syndrome. Theimpaired receptor clearance is thought to be a mechanism of thedisease.

TNFR-S274 Antibody Blocking peptide - References

Giroux, S., et al. Bone 47(5):975-981(2010)Romero, R., et al. Am. J. Obstet. Gynecol. 203 (4), 361 (2010) :Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Wolanska, M., et al. Ginekol. Pol. 81(6):431-434(2010)Sainz, J., et al. Int J Immunopathol Pharmacol 23(2):423-436(2010)