



ASC, CT (TMS1, Target of Methylation-induced Silencing)

Catalog number

A3598-05H

Supplier

United States Biological

TMS1, also known as apoptosis-associated speck-like protein containing a CARD (ASC). It was first identified as a cytosolic soluble protein that forms insoluble aggregates and promotes caspase-mediated apoptosis. The proapoptotic activity is mediated predominantly through the activation of caspase 9. It may also be a component of the inflammasome, where it associates with caspase 1, CARD8 and NALP2 to activate proinflammatory caspases. TMS1 is widely expressed in human tissue.

Applications:

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

Recommended Dilution

Western Blot: 1ug/ml ~25kD in HL60 cell lysates.

Immunohistochemistry: frozen

Optimal dilutions to be determined by the researcher.

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

Immunogen

A peptide corresponding to aa182-195 of human TMS1.

Formulation

Supplied as a liquid in PBS, 0.02% sodium azide.

Purity

Purified by immunoaffinity chromatography.

Specificity

Recognizes human TMS1, also known as apoptosis-associated speck-like protein containing a CARD (ASC).

Product Type

Pab

Source

human

Isotype



IgG

Grade

Affinity Purified

Applications

IHC WB

Crossreactivity

Hu

Storage

-20°C

MW

25