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Certificate of Analysis and Data Sheet Rabbit Anti-Human TMS1, C-terminus

Catalog No.
129-10648

Target Species
Human

Isotype
Polyclonal IgG

Preparation

Synonyms: ASC, CARD5, TMS1

Immunogen: A peptide corresponding to aa182-195 of human TMS1.

Antiserum Preparation: Antiserum to human TMS1 (CT) was raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Specificity

This product recognises human 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.

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.02% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Western Blotting (1)	•			1ug/ml

Note: Other applications are not tested yet. Optimal dilutions should be determined.

(1) This product detects a band of approximately 25kDa in HL60 cell lysates.

Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended.

Shelf Life: 18 months from date of dispatch.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**