

Datasheet: AHP1606

BATCH NUMBER 170703

Description:	RABBIT ANTI HUMAN TMS1 (C-TERMINAL)
Specificity:	TMS1 (C-TERMINAL)
Other names:	ASC
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
Western Blotting	▪			1ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
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.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml

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

External Database

Links

UniProt:

[Q9ULZ3](#) [Related reagents](#)

Entrez Gene:

[29108](#) PYCARD [Related reagents](#)

Synonyms ASC, CARD5, TMS1

RRID AB_2185277

Specificity **Rabbit anti Human TMS1 (C-Terminal) antibody** recognizes 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.

Western Blotting AHP1606 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.
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP1606>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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To find a

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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