

Datasheet: AHP1183

**BATCH NUMBER 170710**

<b>Description:</b>	RABBIT ANTI HUMAN TOSO (C-TERMINAL)
<b>Specificity:</b>	TOSO (C-TERMINAL)
<b>Other names:</b>	FAIM3
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1 - 2ug/ml

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

### Target Species

Human

### Species Cross Reactivity

Based on sequence similarity, is expected to react with:Rat, Mouse

**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG - liquid

### Antiserum Preparation

Antisera to human Toso were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.02% Sodium Azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1 mg/ml
<b>Immunogen</b>	A 13 amino acid peptide from near the carboxy terminus of human Toso.
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">O60667</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">9214</a>    FAIM3    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	TOSO
<b>RRID</b>	AB_2101067
<b>Specificity</b>	<p><b>Rabbit anti Human Toso antibody</b> recognizes the C-terminal (CT) region of human Toso, also known as Fas Apoptotic Inhibitory Molecule 3 (FAIM3). Toso is expressed by lymphoid and haematopoietic cells and is up-regulated by T-cell activation. Toso expressing cells have increased resistance to Fas-, FADD-, and TNFalpha-induced apoptosis. Toso is membrane bound, and is thought to directly bind to FADD, disrupting DISC formation and thus inhibiting caspase-8 activation.</p> <p>Toso is a potential proto-oncogene, and could be a therapeutic target for use in the treatment of autoimmune diseases. Despite its predicted molecular mass of ~30-44 kDa, Toso often migrates at ~60 kDa in SDS PAGE.</p>
<b>Western Blotting</b>	AHP1183 detects a band of approximately 43kDa in human lung tissue lysate.
<b>Further Reading</b>	<ol style="list-style-type: none"> <li>1. Hitoshi, Y. <i>et al.</i> (1998) Toso, a cell surface, specific regulator of Fas-induced apoptosis in T cells. <a href="#">Immunity. 8 (4): 461-71.</a></li> <li>2. Song, Y. &amp; Jacob, C.O. (2005) The mouse cell surface protein TOSO regulates Fas/Fas ligand-induced apoptosis through its binding to Fas-associated death domain. <a href="#">J Biol Chem. 280 (10): 9618-26.</a></li> </ol>
<b>Storage</b>	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>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.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety</b>	Material Safety Datasheet documentation #10040 available at:

**Information** <https://www.bio-rad-antibodies.com/SDS/AHP1183>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

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

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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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](https://www.bio-rad-antibodies.com/datasheets)  
'M363842:200529'

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