

Datasheet: AHP1183

BATCH NUMBER 157458

| | |
|----------------------|-------------------------------------|
| Description: | RABBIT ANTI HUMAN TOSO (C-TERMINAL) |
| Specificity: | TOSO (C-TERMINAL) |
| Other names: | FAIM3 |
| 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 |
|----------------------------|-----|----|----------------|--------------------|
| 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.

| | |
|---------------------------------------|---|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.02% Sodium Azide |
| Approx. Protein Concentrations | IgG concentration 1 mg/ml |
| Immunogen | A 13 amino acid peptide from near the carboxy terminus of human Toso. |
| External Database Links | <p>UniProt: O60667 Related reagents</p> <p>Entrez Gene: 9214 FAIM3 Related reagents</p> |
| Synonyms | TOSO |
| RRID | AB_2101067 |
| Specificity | <p>Rabbit anti Human Toso antibody 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> |
| Western Blotting | AHP1183 detects a band of approximately 43kDa in human lung tissue lysate. |
| Further Reading | <ol style="list-style-type: none"> 1. Hitoshi, Y. <i>et al.</i> (1998) Toso, a cell surface, specific regulator of Fas-induced apoptosis in T cells. Immunity. 8 (4): 461-71. 2. Song, Y. & Jacob, C.O. (2005) The mouse cell surface protein TOSO regulates Fas/Fas ligand-induced apoptosis through its binding to Fas-associated death domain. J Biol Chem. 280 (10): 9618-26. |
| Storage | <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> |
| Guarantee | 12 months from date of despatch |
| Health And Safety | Material Safety Datasheet documentation #10040 available at: |

Information <https://www.bio-rad-antibodies.com/SDS/AHP1183>
10040

Regulatory For research purposes only

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 \(STAR209P\)](#)

| | | | | | |
|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
|----------------------------------|---|------------------|---|---------------|---|

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'

Printed on 18 Jan 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)