

## Datasheet: AHP2397

|                      |                           |
|----------------------|---------------------------|
| <b>Description:</b>  | RABBIT ANTI PIG TNF ALPHA |
| <b>Specificity:</b>  | TNF ALPHA                 |
| <b>Other names:</b>  | TNFSF2                    |
| <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                      | ■   |    |                | 1ug/ml - 5ug/ml    |
| Immunoprecipitation        |     |    | ■              |                    |
| Western Blotting           | ■   |    |                | 0.1ug/ml - 2ug/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.

|                                       |                                                                                                                                                                               |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Target Species</b>                 | Pig                                                                                                                                                                           |
| <b>Species Cross Reactivity</b>       | Reacts with: Dog, Bovine, Dolphin, Cat<br><b>N.B.</b> Antibody reactivity and working conditions may vary between species.                                                    |
| <b>Product Form</b>                   | Purified IgG - liquid                                                                                                                                                         |
| <b>Antiserum Preparation</b>          | Antisera to pig TNF alpha were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography |
| <b>Buffer Solution</b>                | Phosphate buffered saline                                                                                                                                                     |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide (NaN <sub>3</sub> )                                                                                                                                        |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml                                                                                                                                                   |
| <b>Immunogen</b>                      | Recombinant pig tumor necrosis factor alpha (TNFα)                                                                                                                            |

**External Database  
Links**

**UniProt:**

[P23563](#)   [Related reagents](#)

**Entrez Gene:**

[397086](#)   TNF   [Related reagents](#)

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**Synonyms**

TNFA, TNFSF2

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**Specificity**

**Rabbit anti Pig TNF alpha antibody** recognizes porcine tumor necrosis factor alpha (TNFα).

TNFα is produced by a range of cells including macrophages, monocytes, T and B cells, neutrophils and endothelial cells. TNFα has a key regulatory role in the porcine immune response where it is involved in modulating the expression of numerous cytokines, growth factors, inflammatory mediators and acute phase proteins.

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**ELISA**

This product may be used as a capture antibody in a sandwich ELISA together with [AHP2397B](#) as the detection reagent. Recombinant Pig TNF alpha ([PPP029](#)) may be used as a standard.

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**Storage**

Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life**

12 months from date of despatch

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)   [FITC](#)  
Sheep Anti Rabbit IgG (STAR35...)   [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (2AB02...)   [Biotin](#)  
Sheep Anti Rabbit IgG (STAR36...)   [DyLight®488](#), [DyLight®549](#), [DyLight®649](#),  
[DyLight®680](#), [DyLight®800](#)

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