# Datasheet: AHP2975

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|---|---|
| **Description:** | GOAT ANTI DOG TNF ALPHA |
| **Specificity:** | TNF ALPHA |
| **Other names:** | TNFSF2 |
| **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 | ▪ | | | 0.5ug/ml - 5ug/ml |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 0.5ug/ml - 5ug/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**

Dog

**Species Cross Reactivity**

Reacts with: Cynomolgus monkey, Human

**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 dog TNF alpha were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography

**Buffer Solution**

Phosphate buffered saline

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|---|---|
| **Preservative Stabilisers** | 0.09% Sodium Azide ($NaN_3$) |
| **Approx. Protein Concentrations** | IgG concentration 1.0 mg/ml |
| **Immunogen** | Recombinant dog tumor necrosis factor alpha (TNFα) |
| **External Database Links** | **UniProt:**<br>P51742 Related reagents<br><br>**Entrez Gene:**<br>403922 TNF Related reagents |
| **Synonyms** | TNFA, TNFSF2 |
| **Specificity** | **Goat anti Dog TNF alpha antibody** recognizes canine tumor necrosis factor alpha (TNFα).<br><br>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 canine immune response where it is involved in modulating the expression of numerous cytokines, growth factors, inflammatory mediators and acute phase proteins. |
| **ELISA** | This product may be used as a capture antibody in a sandwich ELISA together with AHP2975B as the detection reagent. Recombinant Dog TNF alpha (PDP018 ) may be used as a standard. |
| **Storage** | Store at +4ºC. DO NOT FREEZE.<br>This product should be stored undiluted. 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:<br>https://www.bio-rad-antibodies.com/SDS/AHP2975<br>10040 |
| **Regulatory** | For research purposes only |

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) FITC, HRP


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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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