

Datasheet: AHP946

BATCH NUMBER 162332

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|----------------------|---------------------|
| Description: | GOAT ANTI DOG IgE |
| Specificity: | IgE |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 0.5 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 | ▪ | | | 1/100 - 1/10,000 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/1000 - 1/30,000 |

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

Dog

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to canine IgE were raised by repeated immunisations of goats with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

<0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 1.0 mg/ml

| | |
|--------------------------------------|---|
| Immunogen | Native canine IgE. |
| RRID | AB_567015 |
| Specificity | <p>Goat anti Dog IgE antibody recognises canine IgE. The antibody has been shown to react specifically with canine IgE by immunoelectrophoresis and ELISA. Less than 0.01% cross reactivity was detected to canine IgG1, IgG2, IgA and IgM. Goat anti Dog IgE may cross react with IgE from other species.</p> <p>Goat anti Dog IgE antibody has been reported for use in immunohistology of frozen canine sections.</p> |
| References | <ol style="list-style-type: none"> 1. Krachudel, J. <i>et al.</i> (2013) Luteal insufficiency in bitches as a consequence of an autoimmune response against progesterone? Theriogenology. 79: 1278-83 2. Elders, R.C. <i>et al.</i> (2014) Recombinant canine IgE Fc and an IgE Fc-TRAIL fusion protein bind to neoplastic canine mast cells. Vet Immunol Immunopathol. 159: 29-40. 3. Couto N <i>et al.</i> (2016) Identification of vaccine candidate antigens of <i>Staphylococcus pseudintermedius</i> by whole proteome characterization and serological proteomic analyses. J Proteomics. 133: 113-24. 4. Elders, R.C. <i>et al.</i> (2014) Recombinant canine IgE Fc and an IgE Fc-TRAIL fusion protein bind to neoplastic canine mast cells. Vet Immunol Immunopathol. 159 (1-2): 29-40. 5. Moya, R.<i>et al.</i> (2016) Immunoproteomic characterization of a <i>Dermatophagoides farinae</i> extract used in the treatment of canine atopic dermatitis Vet Immunol and Immunopathol. Aug 4 [Epub ahead of print] 6. Wyszomolek, M.E. <i>et al.</i> (2022) Canine antibody response against <i>Dirofilaria repens</i>. in natural occult and microfilaremic infections Comp Immunol Microbiol Infect Dis. 2 May: 101818 [Epub ahead of print]. 7. Bizikova, P. <i>et al.</i> (2014) Serum autoantibody profiles of IgA, IgE and IgM in canine pemphigus foliaceus. Vet Dermatol. 25 (5): 471-e75. |
| Storage | <p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP946</p> <p>10040</p> |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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

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)

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