

ARG63042 anti-Intra Acrosomal Protein antibody [Ds-2]

Package: 100 µg
Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [Ds-2] recognizes Intra Acrosomal Protein |
| Tested Reactivity | Dog |
| Tested Application | ICC/IF, WB |
| Specificity | The clone Ds-2 reacts with canine intra-acrosomal sperm protein (92 and 42 kDa), a testis-specific acrosomal vesicle protein 1 associated with the acrosomal membranes and matrix of the mature sperm. (PMID: 9350326) |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | Ds-2 |
| Isotype | IgG |
| Target Name | Intra Acrosomal Protein |
| Immunogen | Freshly ejaculated dog sperms were washed in PBS and extracted in 3% acetic acid, 10% glycerol, 30 mM benzaminidine. The acid extract was dialyzed against 0.2% acetic acid, lyophilized and subsequently used for immunization. |
| Conjugation | Un-conjugated |
| Alternate Names | D11S4365; Acrosomal vesicle protein 1; SP-10; Acrosomal protein SP-10; SPACA2 |

Application Instructions

| | | |
|-------------------|---|-----------------|
| Application table | Application | Dilution |
| | ICC/IF | Assay-dependent |
| | WB | Assay-dependent |
| Application Note | ICC/IF: Membrane permeabilization (acetone) is essential. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

Properties

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| Form | Liquid |
| Purification | Purified from ascites by protein-A affinity chromatography. |
| Purity | > 95% (by SDS-PAGE) |
| Buffer | PBS (pH 7.4) and 15 mM Sodium azide |
| Preservative | 15 mM Sodium azide |
| Concentration | 1 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot |

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

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|----------------|---|
| Database links | GeneID: 607249 Dog |
| Gene Symbol | ACRV1 |
| Gene Full Name | acrosomal vesicle protein 1 |
| Research Area | Cell Biology and Cellular Response antibody; Controls and Markers antibody; Developmental Biology antibody; Signaling Transduction antibody |
| Calculated Mw | 28 kDa |