



[Go to Product page](#)

Datasheet for ABIN100959

Rabbit anti-Cat IgG (Heavy & Light Chain) Antibody - Preadsorbed

Overview

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| Quantity: | 2 mg |
| Target: | IgG |
| Binding Specificity: | Heavy & Light Chain |
| Reactivity: | Cat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | ELISA, Immunohistochemistry (IHC), Western Blotting (WB) |

Product Details

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| Immunogen: | Immunogen: Cat IgG whole molecule |
| Isotype: | IgG |
| Specificity: | IgG (H&L) |
| Characteristics: | Concentration Definition: by UV absorbance at 280 nm |
| Purification: | Preadsorption: Solid phase absorption |
| Sterility: | Sterile filtered |

Target Details

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| Target: | IgG |
| Abstract: | IgG Products |
| Target Type: | Antibody |

Target Details

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| Background: | <p>Synonyms: rabbit anti-Cat IgG Antibody</p> <p>Background: Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the complement cascade, and opsonization for phagocytosis. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Anti-Cat IgG (H&L) antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.</p> |
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Application Details

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| Application Notes: | <p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-Cat IgG antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p> |
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| Restrictions: | For Research Use only |
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Handling

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| Format: | Liquid |
| Concentration: | 1.9 mg/mL |
| Buffer: | <p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p> |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Expiry Date: | 12 months |