

**Anti-DOG IgG F(c) (GOAT) Antibody - 604-1103**
**Code:** 604-1103

**Size:** 2 mg

**Product Description:** Anti-DOG IgG F(c) (GOAT) Antibody - 604-1103

**Concentration:** 2.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Liquid (sterile filtered)

|                               |  |
|-------------------------------|--|
| <b>Label</b>                  | Unconjugated   |
| <b>Host</b>                   | Goat   |
| <b>Buffer</b>                 | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2   |
| <b>Stabilizer</b>             | None   |
| <b>Preservative</b>           | 0.01% (w/v) Sodium Azide   |
| <b>Storage Condition</b>      | Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.   |
| <b>Synonyms</b>               | goat anti Dog IgG F(c) Antibody, goat anti Dog IgG Fc Antibody   |
| <b>Application Note</b>       | Anti-Dog IgG F(c) antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.  |
| <b>Background</b>             | 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-Dog IgG F(c) antibody is ideal for investigators in Immunology, Cancer, and Microbiology research. |
| <b>Purity And Specificity</b> | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Dog IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Dog IgG, Dog IgG F(c) and Dog Serum. No reaction was observed against Dog IgG F(ab).  |
| <b>Assay Dilutions</b>        | User Optimized   |
| <b>ELISA</b>                  | 1:20,000 - 1:100,000   |
| <b>Western Blot</b>           | 1:2,000 - 1:10,000   |
| <b>Immunohistochemistry</b>   | 1:1,000 - 1:5,000  |
| <b>Other Assays</b>           | User Optimized   |
| <b>Expiration</b>             | Expiration date is one (1) year from date of opening.  |
| <b>Immunogen</b>              | Dog IgG F(c) fragment  |

**Related Products**

|          |   |
|----------|---|
| 610-4302 | Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302       |
| 611-1302 | Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302        |
| B304     | NORMAL GOAT SERUM (NGS) - B304  |
| BSA-50   | BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50 |

**Disclaimer**

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