

Dog IgG Rabbit Polyclonal
ATS-SELECT SECONDARY ANTIBODY

Catalog Number: AS-178
Quantity: 10 milligrams
Format: IgG, Liquid (sterile filtered)
Host: Rabbit
Immunogen: Dog IgG whole molecule

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-Dog IgG (H&L) antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

Specificity & Preparation: Anti-Dog IgG (H&L) antibody was purified from concentrated monospecific antiserum by immunoaffinity chromatography using Dog IgG coupled to agarose beads followed by solid phase adsorption to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Dog IgG and Dog Serum.

Usage: Anti-Dog IgG (H&L) antibody has been tested by ELISA. Specific conditions for reactivity should be optimized by the end user.

ELISA 1:200,000

Working dilutions must be determined by end user.

Storage: 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. Expiration date is one (1) year from date of receipt.

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