
Rabbit Anti-Dog IgG H&L

Catalog Number: bs-0303R

Target Protein: Rabbit Anti-Dog IgG H&L

Form: Lyophilized

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:1000-5000), IHC-P (1:100-500), IHC-F (1:200-1000), IF, ELISA (1:2000-10000)

Reactivity: Dog

Source: Native Dog IgG: full length.

Purification: affinity purified by Protein A

Storage: 0.01M PBS (pH7.4).

Store at -20°C stable for 2 years (lyophilized powder). Avoid repeated freeze/thaw cycles.

Background: Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17 mg/mL in adult blood. IgG is important for our defence against microorganisms and the molecules are produced by B lymphocytes as a part of our adaptive immune response. The IgG molecule has two separate functions; to bind to the pathogen that elicited the response and to recruit other cells and molecules to destroy the antigen. The variability of the IgG pool is generated by somatic recombination and the number of specificities in an individual at a given time point is estimated to be 1011 variants.

PRODUCT SPECIFIC PUBLICATIONS

[IF=3.55] Wang, Jing, et al. "Studies of Fe₃O₄/Ag/Au composites for immunoassay based on surface plasmon resonance biosensor." Colloids and Surfaces B: Biointerfaces (2012). Other ; ="Dog" . 23010112

[IF=0.68] Tong, Haizhou, et al. "Transsutural Distraction Osteogenesis Applied to Maxillary Complex With New Internalized Distraction Device: Analysis of the Feasibility and Long-term Osteogenesis Outcome." The Journal of craniofacial surgery (2015). IHC ; ="Dog" . 25643339