Mouse Anti-Rabbit IgG-Biotin

OPS057

Reactivity	Rabbit	**Storage**	-20 °C, Avoid freeze/ thaw cycles
Host	Mouse	**Applications**	WB; IHC-P; IHC-F; IF; FCM; ELISA
Isotype	IgG	**Concentration**	2mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Product Information

Immunogen	Native Rabbit IgG
Purification Method	Affinity purified by Protein A
Buffer	0.01M TBS pH 7.4 with 1% BSA, 0.03% Proclin 300 and 50% Glycerol.
Dilution	WB:-1:1000-10000, IHC-P:-1:100-500, IHC-F:-1:100-1000, IF:-1:100-1000, ELISA:-1:1000-10000, FCM:-1:100-1000, ICC/IF:-1:100-1000
Calculated MW	150kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

Background

Immunoglobulin G (IgG), is one of the most abundant proteins in serum with normal levels between 8-17mg/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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications:WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow; Bv- Bovine; Ov-Ovine; B-Globfish, Ct- Cat.