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Goat Anti-Mouse IgG H&L / AP antibody

SL0296G-AP

Product Name Goat Anti-Mouse IgG H&L / AP
Chinese Name 碱性磷酸酶（AP）标记的羊抗小鼠 IgG H&L
Alias Goat Anti-Mouse IgG H&L (AP); Immunoglobulin G;

Specific References (7) | SL0296G-AP has been referenced in 7 publications.

[IF=7.46] Cuiling Shang. et al. Alkaline phosphatase-triggered dual-signal immunoassay for colorimetric and electrochemical detection of zearalenone in cornmeal. Sensor Actuat B-Chem. 2022 Feb;:131525 **Other ; Other**.

PubMed:10.1016/j.snb.2022.131525

[IF=6.652] Shixiang Wu. et al. Alkaline phosphatase triggered ratiometric fluorescence immunoassay for detection of zearalenone. FOOD CONTROL. 2022 Nov;:109541

PubMed:10.1016/j.foodcont.2022.109541

[IF=6.408] Yu, Yao. et al. Fluorescence ratio immunoassay for fumonisin B1 based on the oxidase characteristics of the growth of monodispersed 2-D MnO2 nanosheet on an individual gold nanoparticle (AuNP@MnO2). MICROCHIM ACTA. 2023 Mar;190(3):1-8 **IF ;**

PubMed:36790594

[IF=5.738] Sicheng Bian. et al. Exosomal MiR-4261 mediates calcium overload in RBCs by downregulating the expression of ATP2B4 in multiple myeloma.. FRONT ONCOL. 2022 Aug;12:978755-978755 **ICC ; Human**.

PubMed:36091107

[IF=5.304] Liyuan Ma. et al. Based on intervening PCR for detection of alkaline phosphatase and zearalenone. MICROCHEM J. 2023 Mar;186:108314 **ELISA ; Maize**.

PubMed:10.1016/j.microc.2022.108314

[IF=4.831] Guohao Zhang. et al. MnO2 nanosheets-triggered oxVB1 fluorescence immunoassay for detection zearalenone. SPECTROCHIM ACTA A. 2022 Oct;:121954 **ELISA ; Other**.

PubMed:36228491

[IF=2.413] Zha Y et al. Alkaline Phosphatase–Triggered Immunoassay Based on Fluorogenic Reaction for Sensitive Detection of Acetochlor, Metolachlor, and Propisochlor. Food Analytical Methods.2020. **IF ; Mouse**.

PubMed:doi:10.1007/s12161-020-01706-6

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Mouse,
Applications	WB=1:2000-20000,IHC-P=1:200-1000,IHC-F=1:200-1000,ELISA=1:2000-20000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid
Concentration	1.0 mg/ml
immunogen	Native Mouse IgG
Lsotype	IgG
Purification	affinity purified by Protein G, nonspecific adsorbed
Buffer Solution	10 mM TBS (pH=7.4) with 1% BSA, 3% Proclin300 and 50% glycerol.
Storage	Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Product Detail	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.