

Goat Anti-Mouse IgG H&L / AF647 antibody

SL0296G-AF647

Product Name Goat Anti-Mouse IgG H&L / AF647
Chinese Name Alexa Fluor 647 标记的羊抗小鼠 IgG H&L
Alias Goat Anti-Mouse IgG H&L (Alexa Fluor® 647); Immunoglobulin G;

Specific References (9) | SL0296G-AF647 has been referenced in 9 publications.

[IF=7.333] Homogenous Magneto-Fluorescent Nanosensor for Tumor-Derived Exosomes Isolation and Analysis et al. Homogenous Magneto-Fluorescent Nanosensor for Tumor-Derived Exosomes Isolation and Analysis. ACS Sens . 2020 Jul 24;5(7):2052-2060. **FCM ; Human.**

PubMed:32594744

[IF=4.627] Xiong X et al. Extracellular matrix derived from human urine-derived stem cells enhances the expansion, adhesion, spreading, and differentiation of human periodontal ligament stem cells. Stem Cell Res Ther. 2019 Dec 18;10(1):396. **ICF ; Mouse.**

PubMed:31852539

[IF=4.49] Gan M. et al. miR-222 is involved in the regulation of genistein on skeletal muscle fiber type. The Journal of Nutritional Biochemistry(2019). **ICF ; Mouse.**

PubMed:DOI:10.1016/j.jnutbio.2019.108320

[IF=3.612] Lulu Wang. et al. METTL3 is a key regulator of milk synthesis in mammary epithelial cells. 2021 Dec 11 **IF ; Bovine.**

PubMed:34865263

[IF=3.03] He S et al. Avian leukosis virus subgroup J induces B cell anergy mediated by Lyn inhibited BCR signal transduction. Vet Microbiol. 2020



Aug;247:108781. **ICF ; Mouse.**

PubMed:32768227

[IF=3.03] Shuhai Heet al. Avian leukosis virus subgroup J induces B cell anergy mediated by Lyn inhibited BCR signal transduction. Vet Microbiol . 2020 Aug;247:108781. **other ; chicken.**

PubMed:32768227

[IF=2.96] Iwamori T et al. Novel localizations and interactions of intercellular bridge proteins revealed by proteomic profiling. Biol Reprod. 2020 Jan 29. pii: ioaa017. **ICF&IHF ; Mouse.**

PubMed:31995159

[IF=2.696] Jiang-Ping Liu. et al. Contribution of TRESK two-pore domain potassium channel to bone cancer-induced spontaneous pain and evoked cutaneous pain in rats:. Mol Pain. 2021;(): **IF ; Rat.**

PubMed:34102915

[IF=2.47] Li, Lu, et al. "Twinfilin 1 enhances milk bio-synthesis and proliferation of bovine mammary epithelial cells via the mTOR signaling pathway." Biochemical and Biophysical Research Communications (2017). **IF(ICC) ; Mouse.**

PubMed:28864421

Immunogen Species	Goat
Clonality	Polyclonal
React Species	Mouse,
Applications	IF=1:200-1000,Flow-Cyt=1:50-200,ICC/IF=1:100-1000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Form	Liquid
Concentration immunogen	2.0 mg/ml
Lsotype	Native Mouse 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°C 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.