

Generation of High-Affinity Chicken Single-Chain Fv ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1472335
Bids are increasingly used in biotechnology research as a model animal for polyclonal antibody generation due, in part, to the convenience of yoli antibody (immunoglobulin Y [lgY]) monitoring, but also because chickens are cheaply maintained and often respond strongly to.

Cited by: 73 Author: William J. J. Finlay, Iain Shaw, Joanna P. Re.
Publish Year: 2006

(PDF) Anti-HER2 IgY antibody-functionalized single-walled ...

https://www.academia.edu/14864778/Anti-HER2_lg/v...

Atomic force microscopy (AFN)The SWNTs before and after conjugation with anti-HER2 lgy antibody were imaged with a tapping mode Nano-scope IIIs atomic force microscopy (AFN)The SWNTs before and after conjugation with anti-HER2 lgy antibody were imaged with a tapping mode Nano-scope IIIs atomic force microscope (Veeco, Chadds Ford, PA), in order to image the SWNTs, 8, µl of the prepared solutions were deposited on freshly cleaved mica.

Streamlined human antibody generation and optimization by ...

https://www.nature.com/articles/s41423-020-0440-9
May 26, 2020 - We previously reported a rapid method to generate mAbs using an avian derived 8 cell
line. 22,23,24 Avian immunoglobulin loci contain only a ...

Overlooked benefits of using polyclonal antibodies ...

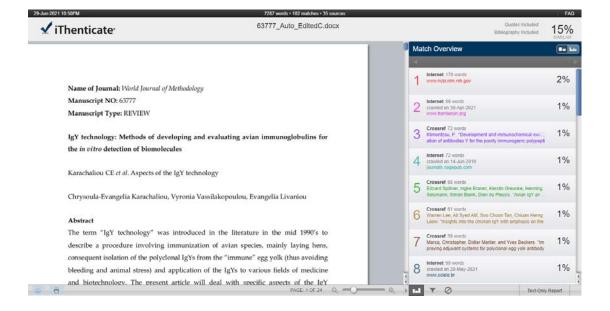
https://www.future-science.com/doi/10.2144/btn-2018-0065

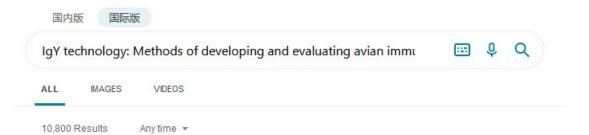
Aug 59, 2018 - Overlooked benefits of using polyclonal antibodies. The benefits of polyclonal antibodies as tools for assay-specific target discovery and detection are numerous. As the future of basic research diagnostics and biomarker discovery is dependent understand the importance and benefits of these endent on high-quality reproducible data; there is a need to

Chitosan-Alginate Microcapsules for Oral Delivery of Egg ...

https://pubs.co.org/doi/abs/10.1021/jf062900q

Mar 16,2007 - Chitosan-alignate microcapsules were evaluated as a method of oral delivery of IgY antibodies. Physical characteristics, encapsulation efficiency (EE%), the loading capacity for IgY (IgY). loading percentage, %, w/w of microcapsules), gastro-resistance, and release characteristics of these microcapsules in vitro under varying pH were investigated.





Production and Evaluation of an Avian IqY Immunotoxin ...

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6582814

Jun 02, 2019 · In contrast to monoclonal IgG antibodies of mammalian origin, IgY polyclonal antibodies, the predominant immunoglobulin in birds, show diverse advantages, among them, a high recognizing capacity of mammal antigens and large quantity of IgY produced by hens immunized . Production of IgY is reliably achieved and does not require bleeding of the host-producing antibodies because IgY ...

Cited by: 3 Author: Elda-Georgina Chavez-Cortez, Gustavo V...

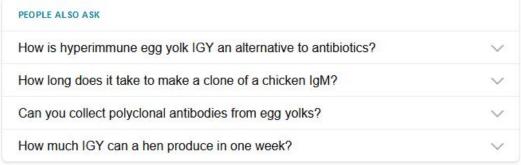
Publish Year: 2019

Igy-Technology: A New Frontier in the Veterinary ...

https://crimsonpublishers.com/apdv/fulltext/APDV.000576.php -

In this section, we present the applications of IgY antibodies by IgY-technology approaches diagnosing animals' infectious diseases specially in bovine and equine. Viral diseases Bovine and equine herds are susceptible to viral infectious diseases, some of them have a zoonotic potential, and others have a negative impact in the country's agriculture system.

Author: Ferreira Junior A, Santos Jp, Santos ... Publish Year: 2018



Feedback

Avian antibodies (IgY) against Trypanosoma cruzi ... europepmc.org/article/MED/28697990 -

Jul 08, 2017 · The IgY technology allows to obtain antibodies with high affinity and avidity (Karlsson et al., 2004). In addition, IgY shows numerous advantages when compared to mammalian antibodies, such as: similar functions of the mammalian IgG and IgE, no cross reaction with mammalian IgG, do