

Ovalbumin, Cy5 conjugated

Catalog Number: bs-0283P-Cy5

Concentration: 1mg/ml

Form: Liquid

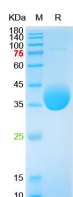
Storage: 10 mM TBS (pH=7.4) with 0.02% Proclin300 and 50% glycerol.

Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Background: Chicken Ovalbumin is the major protein in the "white" of the egg (and a favorite antigen in immunological research). Egg white contains a variety of proteins including ovalbumin, conalbumin, ovomucoid and lysozyme. It belongs to the serpin family and the Ov serpin subfamily. Ovalbumin can cause an allergic reaction in humans.

Ovalbumin has been implicated in the development of the egg shell. Immunohistochemistry revealed that ovalbumin is found only in the mammillary bodies of decalcified shell, and is not distributed throughout the shell matrix. These results indicate that ovalbumin is present during the initial phase of shell formation and becomes incorporated into the protein matrix of the mammillary bodies. However, it is not yet clear whether ovalbumin at this site plays a specific role in shell mineralisation.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

[IF=17.694] Zhuang Wan-Ru. et al. Bacterial outer membrane vesicle based versatile nanosystem boosts the efferocytosis blockade triggered tumor-specific immunity. NAT COMMUN. 2023 Mar;14(1):1-15 Other ; . 36966130

[IF=14.3] Weiqiang Lin. et al. Programmable Macrophage Vesicle Based Bionic Self-Adjuvanting Vaccine for Immunization against Monkeypox Virus. ADV SCI. 2024 Nov;;2408608 ; . 39513669