
Ovalbumin Denatured Chicken (1E7) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250326

Unit: 0.1 mg

Description:

Ovalbumin is the main protein found in egg white, making up 60-65% of the total protein. Native chicken ovalbumin is a globular monomer with a molecular mass of 45 kDa. It is structurally related to both serpins and lipocalins. This antibody reacts with denatured ovalbumin. Cross-reactivity with ovalbumins from other avian species has not been tested.

Isotype: Mouse IgG2b/k

Applications: E, WB

Species Reactivity: Ck

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Egg albumin; Plakalbumin; Allergen Gal d 2; Alergin Gal d II

Accession No.: P01012

Antigen: Purified chicken ovalbumin was treated with formaldehyde and lysine for 2 weeks at 35°C and then autoclaved for 1 h at 110°C before being adsorbed onto aluminum hydroxide gel.

Application Notes: Product Cat. No. 250326 reacts with chicken ovalbumin in denatured or modified forms (surface-adsorbed, heat-denatured or reduced), including native chicken ovalbumin coated directly onto the microtiter well. Product Cat. No. 250326 reacts in western blot with ovalbumin in both reduced and unreduced forms E: 1:25,000; WB: 1:2,000

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

Product Citations: [1] Houen G. et al. 1997. J. Immunol. Methods. 200(1-2): 99-105. PMID# 9005948. [2] Koch C. et al. 1996. APMIS 104(2): 115-125. PMID# 8619913.

For research use only, not for diagnostic or therapeutic procedures.