

## Ovalbumin

Catalog # 30211

*For Research Use Only - Not Human or Therapeutic Use*

DESCRIPTION:	Purified ovalbumin from chicken egg white
	Ovalbumin is the predominant protein in chicken egg whites. This glycoprotein is routinely used as a reference protein for biochemical assays such as Western blots and ELISAs and is also a well-established allergen for allergic asthma animal models, such as airway hyper-responsiveness (1-4).
APPLICATION:	ELISA, Western Blot, Immunization
QUANTITY:	50 mg
FORM:	Lyophilized powder
MOLECULAR WEIGHT:	45 kDa
PURITY:	>95% by gel electrophoresis
STORAGE:	4°C in the dark or -20°C when reconstituted in buffer
STABILITY:	2 years
NOTES:	N/A
REFERENCES:	

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2. N. Palm, R. Medzhitov, Role of the inflammasome in defense against venoms. *Proc Natl Acad Sci U S A* **110**, 1809-14 (2013).
3. C. Chen, N. Sun, Y. Li, X. Jia, A BALB/c mouse model for assessing the potential allergenicity of proteins: comparison of allergen dose, sensitization frequency, timepoint and sex. *Food Chem Toxicol* **62**, 41-7 (2013).
4. K. Tsuchiya, S. Siddiqui, P. Risse, N. Hirota, J. Martin, The presence of LPS in OVA inhalations affects airway inflammation and AHR but not remodeling in a rodent model of asthma. *Am J Physiol Lung Cell Mol Physiol* **303**, L54-63 (2012).