

## Mouse Anti OVAAlbumin Monoclonal Antibody

DMABT-54810MO Mouse(SERPINB14)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti OVAAlbumin
<b>Immunogen</b>	Ovalbumin
<b>Host</b>	Mouse
<b>Isotype</b>	IgE
<b>Clone</b>	3D7
<b>Conjugation</b>	N/A
<b>Applications</b>	IHC, ELISA, FCM, IP, WB
<b>Dilution</b>	ELISA: 1/1000 - 1/5000

### PACKAGING

<b>Format</b>	Purified IgE - liquid
<b>Protein Concentration</b>	IgE concentration 1.0 mg/ml
<b>Buffer</b>	Phosphate buffered saline
<b>Storage</b>	Store at +4 centigrade or at -20 centigrade if preferred. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost free freezers is not recommended. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Preservative</b>	0.09% Sodium Azide
<b>Shelf Life</b>	18 months from date of despatch.

### BACKGROUND

<b>Introduction</b>	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 mineralization.
<b>Keywords</b>	Allergen Gal d 2; Allergen Gal d II; CAP 2; CAP2; Cytoplasmic antiproteinase 2; Egg albumin; Gal d II; Hen egg white; OVAL_CHICK; Ovalbumin; PI8; Plakalbumin; Protease inhibitor 8; Serpin B8; serpin peptidase inhibitor clade B member 8; SERPINB14; SERPINB8;