Overview

Product name: Anti-Ovalbumin antibody [6C8]
Description: Mouse monoclonal [6C8] to Ovalbumin
Host species: Mouse
Specificity: The antibody reacts strongly with Ovalbumin (OA) in denatured and modified forms (native OA surface-adsorbed, heat-denatured or reduced). Strong reaction is seen in ELISA, with OA directly coated onto the microtiterwell. In dotblotting it reacts with both native and denatured OA adsorbed onto nitrocellulose. In Western blotting after SDS-PAGE, the antibody reacts with OA in reduced as well as unreduced forms.

Tested applications: Suitable for: ELISA, WB
Species reactivity: Reacts with: Chicken
Immunogen: Full length native protein (purified) corresponding to Chicken Ovalbumin. Purified chicken ovalbumin was treated with formaldehyde and lysine for 2 weeks at 35°C and then autoclaved for 1 h at 110°C.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.40
Preservative: 0.097% Sodium azide
Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity: Protein G purified
Purification notes: Immunized i.p. with immunogen adsorbed onto Al(OH)3.
Clonality: Monoclonal
Clone number: 6C8
Isotype: IgG1
Light chain type: kappa

Applications

6 References
Our **Abpromise guarantee** covers the use of *ab17293* in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Abreviews</th>
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<td>ELISA</td>
<td>1/4000</td>
<td></td>
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<tr>
<td>WB</td>
<td>1/1000. Detects a band of approximately 45 kDa.</td>
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**Target**

**Function**
Storage protein of egg white. Lack protease inhibitory activity.

**Tissue specificity**
Major protein of egg white.

**Sequence similarities**
Belongs to the serpin family. Ov-serpin subfamily.

**Post-translational modifications**
The signal sequence is not cleaved. The functional signal for membrane translocation of ovalbumin becomes accessible when the nascent chain is 50 to 60 residues long. The hydrophobic sequence which lies between residues 27 and 43 folds back on the preceding residues to form an amphipathic hairpin structure which is the signal element recognized by the membrane.

**Cellular localization**
Secreted.

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