

## Ovalbumin antibody (OVA) (FITC)

Antigen:	<b>Ovalbumin (OVA)</b>
Reactivity:	Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ovalbumin antibody is conjugated to FITC
Application:	Immunocytochemistry (ICC), Immunohistochemistry (IHC)
Catalog no.:	ABIN457639
Quantity:	1 mL

## Product Details

Immunogen:	Highly purified egg albumin (MW 45,000) isolated from chicken egg whites. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Specificity:	Inter-species cross-reactivity is a normal feature of antibodies to plasma proteins, since homologous proteins of different species frequently share antigenic determinants. of this antiserum has not been tested in detail.
Characteristics:	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal rabbit antiserum to chicken ovalbumin
Purification:	The IgG (7S) fraction is isolated and purified from hyperimmune antisera with strong precipitating activity and contains the bulk of the antibody specificity. It is free of other serum proteins as tested by immunoelectrophoresis and double radial immunodiffusion.

## Target details

Background:	A single precipitin line is obtained in immunoelectrophoresis against 1% chicken egg albumin in PBS. In double radial immunodiffusion of the antiserum against twofold dilutions of 1% chicken egg albumin in PBS and in the reverse arrangement of the chicken egg albumin solution against twofold dilutions of the antiserum, a single precipitin line is obtained. The antiserum does not react with chicken serum
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## Application Details

**Application Notes:** In immunocytochemical and immunohistochemical staining of ovalbumin at the cellular and subcellular level of appropriately treated cell and tissue substrates. This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions are usually between 1:20 and 1:80, depending on the method used.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Concentration:** IgG protein concentration 10 mg/ml. Fluorochrome/IgG protein molar ratio (F/P) is approximately 1.7. No foreign proteins added.

**Buffer:** FITC-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2).

**Preservative:** Without preservative

**Storage:** 4 °C/-20 °C

**Storage Comment:** The lyophilized conjugate is shipped at ambient temperature and may be stored at +4°C, prolonged storage at or below -20°C. It is reconstituted by adding 1 ml sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -20°C. Prior to use, an aliquot is thawed slowly at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.