

PRODUCT DATA SHEET

lab0045 Anti-Goat IgG (H+L), Biotin conjugate antibody



Product specifications

| | | | |
|-----------------------------|--|------------------|--------|
| Immunogen | IgG(H+L) | | |
| Form | Purified antibodies | Target | goat |
| Raised in | Rabbit | Labelling | Biotin |
| Conjugate properties | The avidin-biotin system is a signal amplification system that allows the detection of quantities of antigens that are too small to be detected by direct enzymatic or fluorescent systems. Biotin labelled antibodies allow label changes and the use of multiple labels. Biotin-labelled antibodies have a long storage life. Moreover, by its small size, the biotin has a negligible effect on the biological activity of proteins. The presence of endogenous biotin could however, increase background. | | |
| Applications | Antibodies are particularly suitable for use in the most sensitive procedures (ELISA, immuno-histochemistry, immuno-cytology and western blot). Their quality is guaranteed because a very stringent purification protocol is followed where non-specific and specific purifications alternate (affinity chromatography). Antibodies undergo a routine inspection of the cross reactions between target species. If necessary, the total elimination of cross-reactions can require an adsorption by affinity chromatography against the antigen whose recognition is not desired. | | |
| Working dilutions | Optimal dilution should be determined by the end user The following are guidelines only : - ELISA : 1/1 000 to 1/10 000 - Immunoblot : 1/200 to 1/2 000 - Immunocytochemistry : 1/50 to 1/200 - Immunohistochemistry : 1/50 to 1/200 | | |

Packaging specifications

| | |
|------------------------|--|
| Packaging | 1 ml |
| Appearance | Liquid |
| Constituents | PBS, 50% Glycerol |
| Preservative | None |
| Storage | Short term storage : +4°C Long term storage : -20°C |
| Recommendations | Product in glycerol, do not freeze |

Product type

Secondary antibody

Clonality

Polyclonal Antibody

Related product

opr0011 ; opr0002 ;
opr0008 ; opr0009

Warning

This is a laboratory reagent. It is not to be administered to human or animals nor be used as a drug

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version B

Covalab France

11, Avenue Albert Einstein
69100 Villeurbanne - France
Phone +33 (0) 437 654 230
Fax +33 (0) 437 289 416
Email pa@covalab.com
www.covalab.com

Covalab - UK Ltd

St John's Innovation Centre
Unit 75, Cowley Road
Cambridge, CB40WS - UK
Phone +44 (0) 1223 421055
Fax +44 (0) 1223 420844
Email enquiries@covalab.co.uk
www.covalab.co.uk