

## PRODUCT DATA SHEET

### lab0242 Anti-Mouse IgG (H+L), Biotin conjugate antibody



#### Product specifications

<b>Immunogen</b>	IgG(H+L)		
<b>Form</b>	Purified antibodies	<b>Target</b>	mouse
<b>Raised in</b>	Goat	<b>Labelling</b>	Biotin
<b>Conjugate properties</b>	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.		
<b>Applications</b>	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.		
<b>Working dilutions</b>	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

<b>Packaging</b>	1 ml
<b>Appearance</b>	Liquid
<b>Constituents</b>	PBS, 50% Glycerol
<b>Preservative</b>	None
<b>Storage</b>	Short term storage : +4°C Long term storage : -20°C
<b>Recommendations</b>	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

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