

PRODUCT DATA SHEET

lab0252 Anti-Mouse IgG (H+L), Peroxydase conjugate antibody



Product specifications

Immunogen	IgG(H+L)		
Form	Purified antibodies	Target	mouse
Raised in	Goat	Labelling	HRP
Conjugate properties	Peroxidase labelling has the advantage of being sensitive and permanent. Peroxidase substrates are varied: precipitating substrates for western blot or immuno-histochemistry (DAB, AEC, 4CN, TMB), soluble substrates for ELISA (TMB, OPD, ABTS) and chemiluminescent substrates (luminol). However, peroxidase labelling has some disadvantages: Peroxidase is rendered inactivated by oxygen, hypochloric acid and sodium azide. It is therefore advisable to use highly purified water. The presence of endogenous peroxidase in certain tissues like macrophage, red blood cells, bone marrow cells and plants could increase the 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 : 1/500 to 1/5 000 - Immunoblot : 1/100 to 1/1 000 - Immunocytochemistry : 1/20 to 1/100 - Immunohistochemistry : 1/20 to 1/100		

Packaging specifications

Packaging	1 ml
Appearance	Liquid
Constituents	TBS, 50% Glycerol
Preservative	None
Storage	Short term storage : +4°C Long term storage : -20°C
Recommendations	Product in glycerol, do not freeze Do not distribute the HRP conjugated in plastics (e.g. eppendorf) so as to avoid a loss of activity

Product type
Secondary antibody

Clonality
Polyclonal Antibody

Related product
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

updated 04/10/06

version B

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