PRODUCT DATA SHEET

lab0231 Anti-Mouse IgG (H+L), FITC conjugate antibody

Product specifications

Immunogen	IgG(H+L)		
Form	Globulin fraction	**Target**	mouse
Raised in	Goat	**Labelling**	FITC

Conjugate properties

Fluorescein labelling is carried out to obtain a good signal while at the same time minimising the background. The F/P molar ratio is set between 3 and 7. FITC has the advantage of being detectible under a microscope. It can be easily used for carrying out multiple labelling in histochemistry or cyto-chemistry. However, FITC may rapidly lose its fluorescence. Maximum absorption: 495 nm. Maximum emission: 520 nm. Colour: green yellow.

Applications

The globulin fraction is obtained after the first level of purification of immune sera. They are prepared by ammonium sulphate precipitation and dialysis. Globulin fractions show a very good avidity for the antigens. The elimination of a large part of serum proteins gives a stable product, with reduced background in gel immuno-precipitation techniques. The use of globulin fractions is not recommended in more sensitive techniques such as enzyme immunoassays.

Working dilutions

Optimal dilution should be determined by the end user
The following are guidelines only :
- Indirect immunofluorescence : 1/100 to 1/400

Product type

Secondary antibody

Clonality

Polyclonal Antibody

Related product

opr0015 ; 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

Packaging specifications

Packaging	2 ml
Concentration	2 mg / 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

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version B

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