



Technical Data Sheet

Product	Mouse IgG1 Isotype Control DyLight™ 488	
Cat. Number/Size	L4-632-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Clone	MOPC-21	
Format	DyLight™ 488	
Negative species	Rat, Human	
Application	FC (QC tested), IHC-P, IHC-F, ICC, WB	
Application details	Negative control: The reagent is intended as an isotype control to establish the amount of non-specific antibody binding. For your particular experiment, use the same concentration of this control antibody as the recommended working concentration of the antigen-specific antibody. Also, when working with prediluted antibodies, dilute the isotype control to the same concentration as is the concentration of the antigen-specific antibody in the prediluted antibody solution you are using. If under particular experimental conditions the background signal of the isotype control is too high (usually when working concentrations of used antibodies are above 10 µg/ml of incubation mixture), change the conditions of your experiment to reduce the background.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	This mouse IgG1 kappa monoclonal antibody (clone MOPC-21) with unknown specificity has been confirmed as a good negative control with human and rat species, based on multiple testing on rat and human tissues.	
Concentration	0.1 mg/ml	
Preparation	Purified antibody is conjugated with DyLight™ 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.	
Images and References	www.exbio.cz	

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