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# **Product Datasheet**

### Mouse IgG2a Isotype Control (orb222802)

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Description <sup>nts.</sup>	Mouse IgG2a Isotype Control	238
Description		
Conjugation	Unconjugated	I 1508 VA
Tested Applications	ELISA, FC, ICC, IHC-Fr, IHC-P, IP, WB	30X- 3X-
Immunogen	The transplantable plasmacytoma MOPC-173 was induced by intraperitoneal injection of mineral oils into BALB/c mice.	ین بر Mouse IgG2a Isol Exal non:
Preservatives	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	m Iç (M
Concentration	1 mg/ml	(***
Storage	Store at 2-8°C. Do not freeze.	
Note	For research use only	
Application notes	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.	
lsotype	Mouse IgG2a kappa	
Clonality	Monoclonal	
Purity	Purified by protein-A affinity chromatography.	
Dilution Range	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	

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Example of nonspecific mouse IgG2a (MOPC...

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