



	Technical Data Sheet	
Product	Anti-Ms CD90.2 Purified Azide Free	
Cat. Number/Size	10-443-C025	0.025 mg
	10-443-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD90.2	
Clone	1aG4/C5	
Format	Purified Azide Free	
Reactivity	Mouse	
Negative species	Rat, Human	
Application	FC (QC tested), WB, ICC, FUNC	
Application details	Functional application: The bound of antibody 1aG4/C5 to the transfected mast cells induces the activation processes which are similar, but not identical, to the antigen activation of IgE stimulated cells. Immunoprecipitation: The antibody 1aG4/C5 precipitates complexes with Lyn protein tyrosine kinase. Flow cytometry: Recommended dilution: 1 µg/ml.	
Isotype	Mouse IgG3	
Specificity	The mouse monoclonal antibody 1aG4/C5 recognizes alloantigen Thy-1.2 of mouse Thy-1 (CD90); it does not cross-react with Thy-1.1 alloantigen. Thy-1 is an 18-35 kDa cell surface GPI anchored glycoprotein (immunoglobulin superfamily); in mouse it is abundant on thymocytes and peripheral T lymphocytes.	
Other names	Thy-1.2	
Immunogen	thymocytes from C3H/Di mice (Thy-1.2 positive)	
Entrez Gene ID	21838	
Gene name	THY1.2	
NCBI Full Gene Name	Thy-1.2 cell surface antigen	
UniProt ID	P01831	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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