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Product Datasheet

CD4 antibody (orb44033)

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Descriptionnts.

Mouse monoclonal antibody to CD4

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Reactivity	Human	150K
Conjugation	Unconjugated	00 100K -
Tested Applications	FA, FC, IP	0 10 ⁰ 10 ¹ 10 ² 10 ³ 10 ⁴ 1 FL6A
Immunogen	Human thymocytes and T lymphocytes.	Flow
Target	CD4	analysis
Preservatives	Phosphate buffered saline (PBS), pH 7.4	(surface stainin
Concentration	1 mg/ml	
Storage	Store at 2-8°C. Do not freeze.	
Note	For research use only	
Application notes	Functional application: The antibody MEM-115 blocks binding of HIV gp120 to CD4 molecule and it also strongly inhibits CD4-MHC Class II interactions. Immunoprecipitation: Excellent. Flow cytometry: Recommended dilution: 3 µg/ml. Although it has not been tested rigorously, following data suggest that the antibody MEM-115 is a low-affinity antibody: its binding to T cells increases at elevated temperature, monovalent Fab fragments essentially do not bind to T cells.	
lsotype	Mouse IgG2a	
Clonality	Monoclonal	
Purity	Purified by protein-A affinity chromatography.	
Uniprot ID	P01730	
Entrez	920	
Dilution Range	Functional application: The antibody MEM-115 blocks binding of HIV gp120 to CD4 molecule and it also strongly inhibits CD4-MHC Class II interactions. Immunoprecipitation: Excellent. Flow cytometry: Recommended dilution: 3 µg/ml. Although it has not been tested rigorously, following data suggest that the antibody MEM-115 is a low-affinity antibody: its binding to T cells increases at elevated temperature, monovalent Fab fragments essentially do not bind to T cells.	
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Expiration Date

12 months from date of receipt.

Biorbyt Lto

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