

Product Datasheet

CD4 antibody (orb44033)

Description

Mouse monoclonal antibody to CD4

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

FA, FC, IP

Immunogen

Human thymocytes and T lymphocytes.

Target

CD4

Preservatives

Phosphate buffered saline (PBS), pH 7.4

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.

Isotype

Mouse IgG2a

Clonality

Monoclonal

Purity

Purified by protein-A affinity chromatography.

Uniprot ID

P01730

Entrez

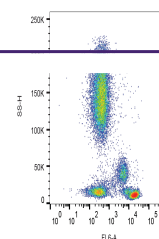
920

Dilution Range

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Expiration Date

12 months from date of receipt.



Flow cytometry analysis (surface stainin...