

Anti- human CD1 (clone MID1)

Catalog No: MP-AA-11

BACKGROUND

CD1 refers to a family of five transmembrane glycoproteins which structurally resemble MHC-I as they associate with B2 microglobulin. Functionally similar to MHC-II molecules, CD1 molecules are thought to present lipoglycidic and lipidic antigens to T lymphocytes. While CD1b is membrane associated, CD1c may be produced also in soluble form.

PRODUCT

1. Each vial contains the indicated amount of IgG (caprylic acid) in 0,1% gelatine and 0,05% NaN₃.
2. Unpurified reagent is provided at the indicated amounts with 0.1% NaN₃.
Centrifuge the vial prior to use.

SUBCLASS

Mouse IgG1

SPECIFICITY

The reagent provided does not recognize the CD1d isoform. Because of the strong reactivity with epidermal Langerhans cells is likely to recognize an epitope shared by the CD1a,b and c isoforms

STORAGE

Store frozen, avoid repeated freeze-thawing. Stable for 2 yrs.

SHIPPING CONDITIONS

Room temperature.

RESEARCH USE

This antibody is for laboratory research use only, not for human or in-vivo use.

APPLICATIONS

Flow cytometry
10-20 µg/ml

Immunohistochemistry (fluorescence , enzymatic)
Acetone-fixed cryostat sections (10-20 µg/ml).

Immunoprecipitation
5 µg, using rabbit anti-murine Ig and protein A-Sepharose beads
