

Mouse Anti-CD1a [O10]: MC0278

Intended Use: For Research Use Only

Description: Cluster of Differentiation 1a (CD1a) is part of a family of major histocompatibility complex (MHC) antigen-like glycoproteins that associate with beta-2-microglobulin. CD1a binds self and non-self lipid and glycolipid antigens, presenting them to T-cell receptors on natural killer T-cells. CD1a antibody labels cortical thymocytes, Langerhans' cells and dendritic cells. It has been used to identify Langerhans' cell histiocytosis and precursor T lymphoblastic lymphoma/leukemia.

Specifications

Clone: O10
Source: Mouse
Isotype: IgG1/k
Localization: Membrane
Formulation: Antibody in 10 mM PBS, 1% BSA, 0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC for FFPE, Frozen
Package:

Description	Catalog No.	Size
CD1a Concentrated	MC0278	1 ml

IHC Procedure*

Positive Control Tissue: Thymus, tonsil
Concentrated Dilution: 50-200
Pretreatment: Citrate pH6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.