

Anti-CD1d Antibody (9R720)

Product Details

Ig Type:	IgG2b/Kappa
Reactivity:	Human
Clone:	9R720
Purification:	Protein G purified

Applications

Verified Activity:	1. Cell line: Jurkat Fixative: 4% Paraformaldehyde Permeabilization: 0.1% Triton X-100 Primary Ab dilution: 1:50 Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI (Blue) Comment: Color green is the positive signal for TMAB-03899
	2. Cell line: Jurkat Fixative: Unfixed Permeabilization: None Primary Ab dilution: 1:50 Secondary Ab: Goat anti Mouse IgG Unlabelled control: The cell without incubation with primary antibody and secondary antibody (Black line). Isotype control: Mouse monoclonal IgG2b (Blue line). Comment: Line red is the positive signal for TMAB-03899
Application:	ICC/IF,FCM
Recommended	ICC/IF: 1:100-500; FCM: 1:50-200

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Gene ID:	912
Uniprot ID:	P15813

Research Background

This gene encodes a divergent member of the CD1 family of transmembrane glycoproteins, which are structurally related to the major histocompatibility complex (MHC) proteins and form heterodimers with beta-2-microglobulin. The CD1 proteins mediate the presentation of primarily lipid and glycolipid antigens of self or microbial origin to T cells. The human genome contains five CD1 family genes organized in a cluster on chromosome 1. The CD1 family members are thought to differ in their cellular localization and specificity for particular lipid ligands. The protein

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encoded by this gene localizes to late endosomes and lysosomes via a tyrosine-based motif in the cytoplasmic tail. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]

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