

Anti-CD1c Antibody (4N604)

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 36 kDa.
Clone:	4N604
Purification:	Protein A purified

Applications

1. Blocking buffer: 5% NFDM/TBST
Primary Ab dilution: 1: 2000
Primary Ab incubation condition: 2 hours at room temperature
Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)
Lysate: 1: THP-1 (Negative control), 2: MOLT-4, 3: Jurkat
Protein loading quantity: 20 µg

Exposure time: 60 s
Predicted MW: 38 kDa
Observed MW: 43 kDa

2. Tissue: Human spleen
Section type: Formalin-fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0

Verified Activity: Primary Ab dilution: 1:100
Primary Ab incubation condition: 1 hour at room temperature
Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)
Counter stain: Hematoxylin (Blue)
Comment: Color brown is the positive signal for TMAB-03894

3. Tissue: Human tonsil
Section type: Formalin-fixed & Paraffin-embedded section
Retrieval method: High temperature and high pressure
Retrieval buffer: Tris/EDTA buffer, pH 9.0
Primary Ab dilution: 1:100
Primary Ab incubation condition: 1 hour at room temperature
Secondary Ab: Anti-Rabbit and Mouse Polymer HRP (Ready to use)
Counter stain: Hematoxylin (Blue)
Comment: Color brown is the positive signal for TMAB-03894

Application: WB,IHC-P,IHC-Fr,IF

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Recommended WB: 1:500-1000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 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

Immunogen: KLH conjugated synthetic peptide: human CD1c

Antigen Species: Human

Gene ID: 911

Research Background

This gene encodes a 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 encoded by this gene is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail. Alternatively spliced transcript variants of this gene have been observed, but their full-length nature is not known. [provided by RefSeq, Jul 2008]

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