

A Reliable Research Partner in Life Science and Medicine

Recombinant CD1c Monoclonal Antibody

catalog number: AN301843L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human;

Immunogen Recombinant human CD1c fragment

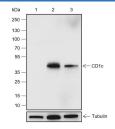
Host Rabbit Isotype lgG, κ Clone A555

Purification Protein Apurified

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution 1:500-1:2000 **WB IHC** 1:50-1:100 1:25-1:50 ΙP

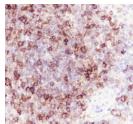
Data

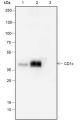


Western Blot with CD1c Monoclonal Antibody at dilution of Immunohistochemistry of paraffin-embedded Human tonsil 1:2000. Lane 1: THP-1 (Negative control), Lane 2: MOLT-4,

using CD1c Monoclonal Antibody at dilution of 1:100.

Lane 3: Jurkat Observed-MW:43 kDa Calculated-MW:38 kDa





Immunohistochemistry of paraffin-embedded Human spleen using CD1c Monoclonal Antibody at dilution of 1:100.

Immunoprecipitation analysis using anti-CD1c Monoclonal Antibody. Western blot was performed from the immunoprecipitate using CD1c Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: CD1c Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

> Observed-MW:43 kDa Calculated-MW:38 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Ice bag Shipping

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086

Web: www.elabscience.com Email: techsupport@elabscience.com



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Background

CD1c is 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. CD1c is broadly distributed throughout the endocytic system via a tyrosine-based motif in the cytoplasmic tail.

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 Fax: 1-832-243-6017

 Web: www.elabscience.com
 Email: techsupport@elabscience.com
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