Recombinant CD1c Monoclonal Antibody

catalog number: **AN301843L**

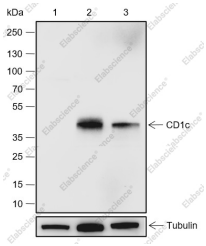
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human CD1c fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C321465
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

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

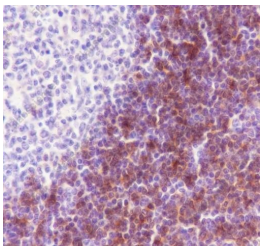
Data



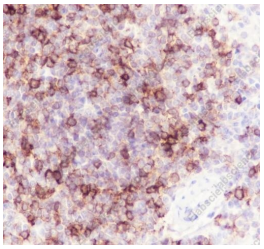
Western Blot with CD1c Monoclonal Antibody at dilution of 1:2000. Lane 1: THP-1 (Negative control), Lane 2: MOLT-4, Lane 3: Jurkat

Observed-MW:43 kDa

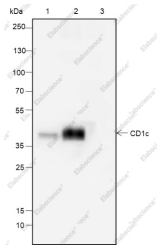
Calculated-MW:38 kDa



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



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

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

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

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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