

Product datasheet

Anti-CD1c antibody [OT12F4] ab156708

★★★★★ 3 Abreviews 4 References 4 Images

Overview

Product name	Anti-CD1c antibody [OT12F4]
Description	Mouse monoclonal [OT12F4] to CD1c
Host species	Mouse
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human, Cynomolgus monkey
Immunogen	Full length human recombinant protein of human CD1C(NP_001756) produced in HEK293T cell.
General notes	<p>The clone number has been updated from 2F4 to OT12F4, both clone numbers name the same clone.</p> <p>This product was changed from ascites to tissue culture supernatant on 29th May 2018. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	<p>pH: 7.30</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 1% BSA, 50% Glycerol</p>
Purity	Protein G purified
Purification notes	Purified from TCS
Clonality	Monoclonal
Clone number	OT12F4
Isotype	IgG1

Applications

Our [Abpromise guarantee](#) covers the use of **ab156708** in the following tested applications.

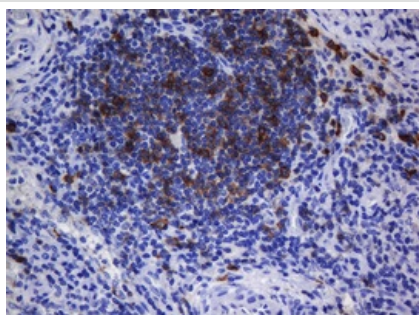
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/2000. Predicted molecular weight: 38 kDa.
IHC-P	★★★★★	1/150.

Target

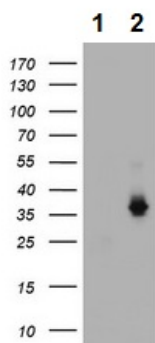
Function	Antigen-presenting protein that binds self and non-self lipid and glycolipid antigens and presents them to T-cell receptors on natural killer T-cells.
Tissue specificity	Expressed on cortical thymocytes, on certain T-cell leukemias, and in various other tissues.
Sequence similarities	Contains 1 Ig-like (immunoglobulin-like) domain.
Cellular localization	Cell membrane. Endosome membrane. Subject to intracellular trafficking between the cell membrane and endosomes.

Images



Immunohistochemical staining of paraffin-embedded Human lymph node tissue using anti-CD1C mouse monoclonal antibody(ab156708)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD1c antibody [OT12F4] (ab156708)



All lanes : Anti-CD1c antibody [OT12F4] (ab156708)

Lane 1 : HEK293T cells were transfected with the pCMV6-ENTRY

Lane 2 : HEK293T cells were transfected with pCMV6-ENTRY CD1C

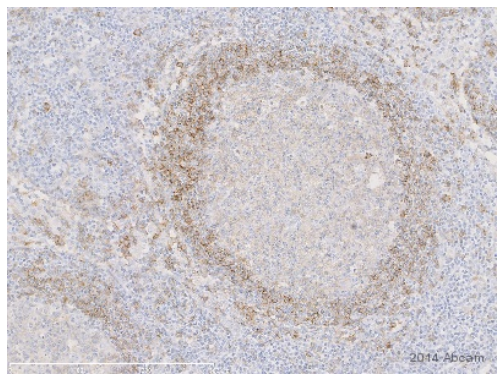
Lysates/proteins at 5 µg per lane.

Predicted band size: 38 kDa

Western blot - Anti-CD1c antibody [OT12F4] (ab156708)

HEK293T cell lysates were generated from transient transfection of

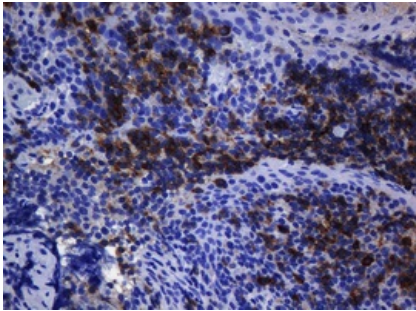
the cDNA clone (RC211378)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD1c antibody [OT12F4] (ab156708)

This image is courtesy of an Abreview submitted by Jing Ma

ab156708 staining MAFA in Cynomolgus monkey lymph node sections by Immunohistochemistry (IHC-P - paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 10% donkey serum for 20 minutes at room temperature; antigen retrieval was by heat mediation. Samples were incubated with primary antibody (1/50) for 30 minutes at room temperature. A Biotin-conjugated Donkey anti-mouse IgG polyclonal (1/2000) was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD1c antibody [OT12F4] (ab156708)

Immunohistochemical staining of paraffin-embedded Human tonsil using anti-CD1C mouse monoclonal antibody. (ab156708)

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