

Name: CD1C mouse monoclonal antibody, clone UMAB46

Catalog: UM500042

Product Data Sheet - UltraMAB

Gene Name: Homo sapiens CD1c molecule (CD1C)
GeneBank accession: NM_001765
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB46

Gene Synonym: BDCA1; CD1; CD1A; R7

Validation Data:

Guaranteed Applications: IHC, 10K-CHIP

Western Blot

Suggested Dilutions: IHC 1:100,

Immunogen: Full length human recombinant protein of human CD1C(NP_001756) produced in HEK293T cell.

Components:

- CD1C mouse monoclonal antibody, clone UMAB46 (UM500042)

Amount:

UM500042 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

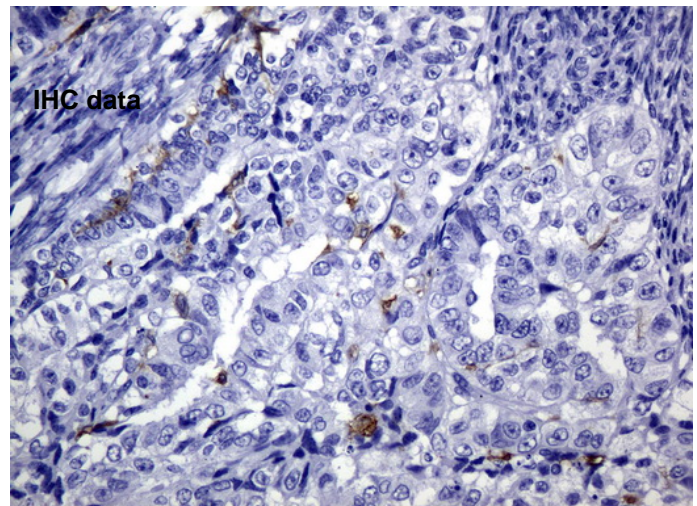
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

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



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-CD1C mouse monoclonal antibody. (UM500042)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500042.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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