

CD1C monoclonal antibody

Catalog: MB22510

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a member of the CD1 family of trans-membrane 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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

37.7kDa

Swiss-Prot:

P29017

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200 - 1/1000 FC:1/200 - 1/400

Storage&Stability:

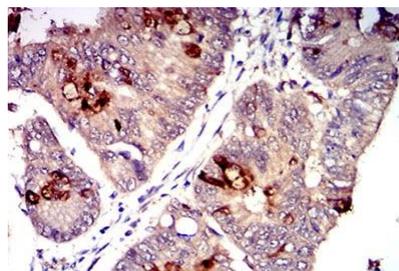
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

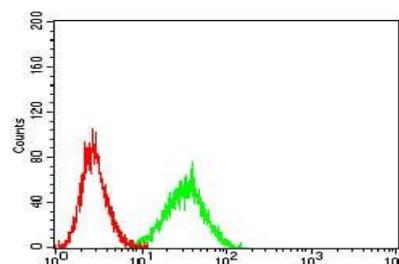
Isotype:

Mouse IgG2b

DATA:



Immunohistochemical analysis of paraffin-embedded human rectum cancer tissues using CD1C mouse mAb with DAB staining.



Flow cytometric analysis of Ramos cells using CD1C mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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