

MR1 monoclonal antibody

Catalog: MB23147

Host: Mouse

Reactivity: Human

BackGround:

MAIT (mucosal-associated invariant T-cells) lymphocytes represent a small population of T-cells primarily found in the gut. The protein encoded by this gene is an antigen-presenting molecule that presents metabolites of microbial vitamin B to MAITs. This presentation may activate the MAITs to regulate the amounts of specific types of bacteria in the gut. Several transcript variants encoding different isoforms have been found for this gene, and a pseudogene of it has been detected about 36 kbp upstream on the same chromosome.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

39.4kda

Swiss-Prot:

Q95460

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

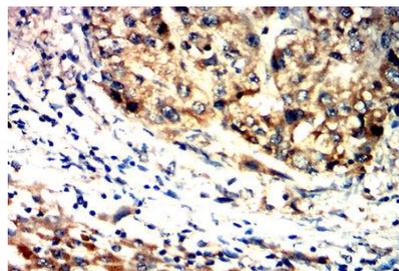
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

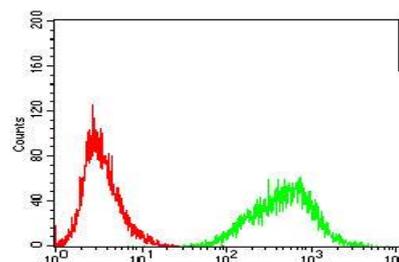
Isotype:

Mouse IgG2a

DATA:



Immunohistochemical analysis of paraffin-embedded human liver cancer tissues using MR1 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using MR1 mouse mAb (green) and negative control (red).

Note:

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

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