

HLA-F monoclonal antibody

Catalog: MB23285

Host: Mouse

Reactivity: Human, Mouse, Rat

BackGround:

This gene belongs to the HLA class I heavy chain paralogues. It encodes a non-classical heavy chain that forms a heterodimer with a beta-2 microglobulin light chain, with the heavy chain anchored in the membrane. Unlike most other HLA heavy chains, this molecule is localized in the endoplasmic reticulum and Golgi apparatus, with a small amount present at the cell surface in some cell types. It contains a divergent peptide-binding groove, and is thought to bind a restricted subset of peptides for immune presentation. This gene exhibits few polymorphisms. Multiple transcript variants encoding different isoforms have been found for this gene. These variants lack a coding exon found in transcripts from other HLA paralogues due to an altered splice acceptor site, resulting in a shorter cytoplasmic domain.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

39kDa

Swiss-Prot:

P30511

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:

WB:1/500 - 1/2000 FC:1/200 - 1/400

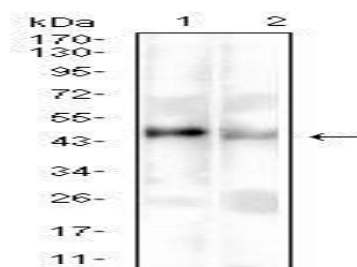
Storage&Stability:

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

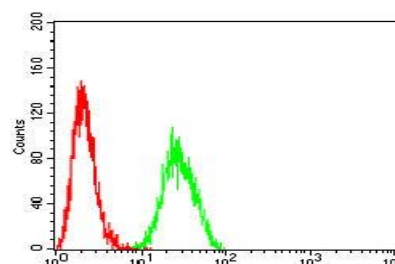
Isotype:

Mouse IgG2b

DATA:



Western blot analysis using HLA-F mouse mAb against Mouse Liver (1) and Rat Liver (2) tissue lysate.



Flow cytometric analysis of THP-1 cells using HLA-F mouse mAb (green) and negative control (red).

Note:

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

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