

MERTK monoclonal antibody

Catalog: MB23114

Host: Mouse

Reactivity: Human

BackGround:

This gene is a member of the MER/AXL/TYRO3 receptor kinase family and encodes a transmembrane protein with two fibronectin type-III domains, two Ig-like C2-type (immunoglobulin-like) domains, and one tyrosine kinase domain. Mutations in this gene have been associated with disruption of the retinal pigment epithelium (RPE) phagocytosis pathway and onset of autosomal recessive retinitis pigmentosa (RP).

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

140-180 kDa

Swiss-Prot:

Q12866

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

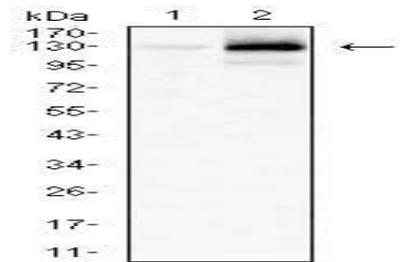
Storage&Stability:

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

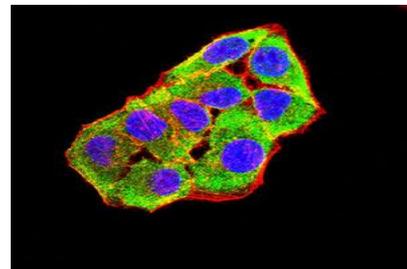
Isotype:

Mouse IgG2b

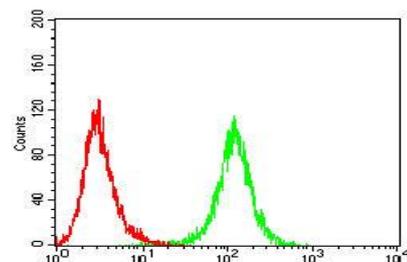
DATA:



Western blot analysis using MERTK mouse mAb against HepG2 (1), and PANC-1 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using MERTK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of bel-7402 cells using MERTK mouse mAb (green) and negative control (red).

Note:

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

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