

CD177 monoclonal antibody

Catalog: MB22671

Host: Mouse

Reactivity: Human

Background:

This gene encodes a glycosyl-phosphatidylinositol (GPI)-linked cell surface glycoprotein that plays a role in neutrophil activation. The protein can bind platelet endothelial cell adhesion molecule-1 and function in neutrophil transmigration. Mutations in this gene are associated with myeloproliferative diseases. Over-expression of this gene has been found in patients with polycythemia rubra vera. Autoantibodies against the protein may result in pulmonary transfusion reactions, and it may be involved in Wegener's granulomatosis. A related pseudogene, which is adjacent to this gene on chromosome 19, has been identified.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

46.4kDa

Swiss-Prot:

Q8N6Q3

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:

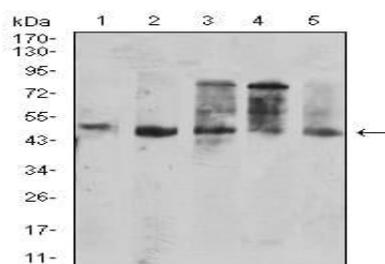
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

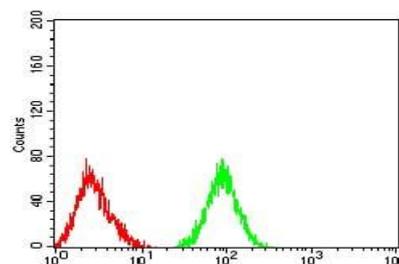
Isotype:

Mouse IgG2b

DATA:



Western blot analysis using CD177 mouse mAb against SPC-A-1 (1), SK-MES-1 (2), HepG2 (3), HL-60 (4), and PC-3 (5) cell lysate.



Flow cytometric analysis of HL-60 cells using CD177 mouse mAb (green) and negative control (red).

Note:

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

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