

CD183 monoclonal antibody

Catalog: MB22469

Host: Mouse

Reactivity: Human

Background:

This gene encodes a G protein-coupled receptor with selectivity for three chemokines, termed CXCL9/Mig (monokine induced by interferon-g), CXCL10/IP10 (interferon-g-inducible 10 kDa protein) and CXCL11/I-TAC (interferon-inducible T cell a-chemoattractant). Binding of chemokines to this protein induces cellular responses that are involved in leukocyte traffic, most notably integrin activation, cytoskeletal changes and chemotactic migration. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. One of the isoforms (CXCR3-B) shows high affinity binding to chemokine, CXCL4/PF4 (PMID:12782716).

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

40.7kDa

Swiss-Prot:

P49682

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

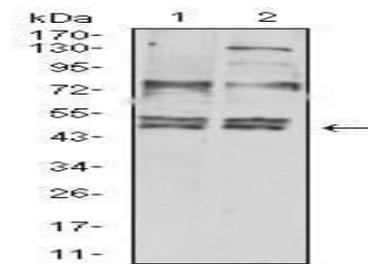
Storage&Stability:

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

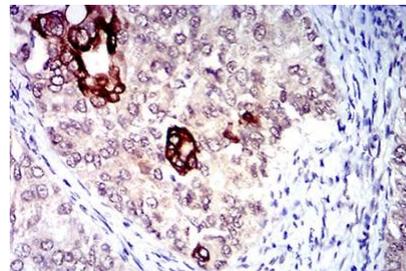
Isotype:

Mouse IgG1

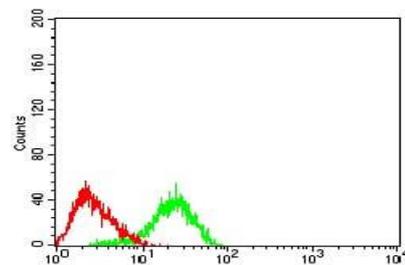
DATA:



Western blot analysis using CD183 mouse mAb against HeLa (1) and L-02 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using CD183 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using CD183 mouse mAb (green) and negative control (red).

Note:

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

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