

## CD191 monoclonal antibody

Catalog: MB22502

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven trans-membrane protein similar to G protein-coupled receptors. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CXCR1, are found to form a gene cluster on chromosome 3p.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

41.2kDa

### Swiss-Prot:

P32246

### 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

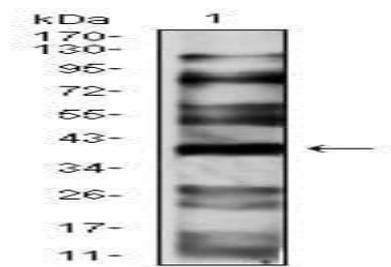
### Storage&Stability:

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

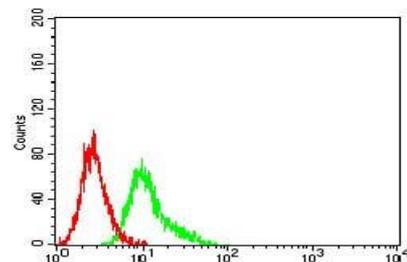
### Isotype:

Mouse IgG1

### DATA:



Western blot analysis using CD191 mouse mAb against HepG2 (1) cell lysate.



Flow cytometric analysis of Ramos cells using CD191 mouse mAb (green) and negative control (red).

### Note:

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

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