

## CD196 monoclonal antibody

Catalog: MB22899

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 gene is preferentially expressed by immature dendritic cells and memory T cells. The ligand of this receptor is macrophage inflammatory protein 3 alpha (MIP-3 alpha). This receptor has been shown to be important for B-lineage maturation and antigen-driven B-cell differentiation, and it may regulate the migration and recruitment of dendritic and T cells during inflammatory and immunological responses. Alternatively spliced transcript variants that encode the same protein have been described for this gene.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

42.5kDa

### Swiss-Prot:

P51684

### 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:

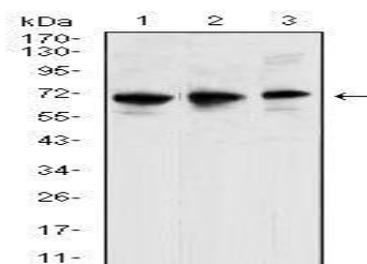
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

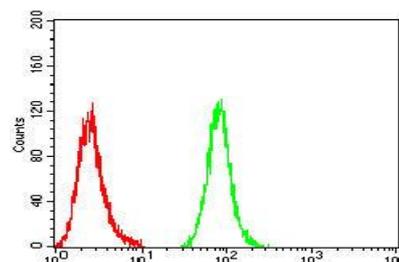
### Isotype:

Mouse IgG2a

### DATA:



Western blot analysis using CD196 mouse mAb against K562 (1), THP-1 (2), and HL-60 (3) cell lysate.



Flow cytometric analysis of THP-1 cells using CD196 mouse mAb (green) and negative control (red).

### Note:

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

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