

# FITC Mouse Anti-Human CD196

Purified FITC-conjugated Recombinant Mouse Monoclonal Antibody

Catalog # F101405

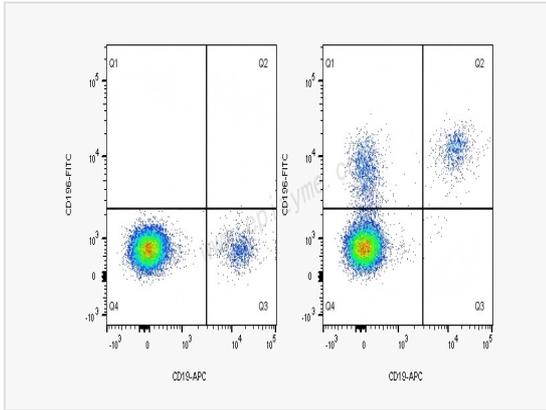
## Product Information

Application	FC
Recommended Usage	5 $\mu$ L per million cells in 100 $\mu$ L staining volume or 5 $\mu$ L per 100 $\mu$ L of whole blood.
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone No.	56I22T50
Isotype	IgG1, $\kappa$
Label	FITC
Immunogen	Recombinant protein of human CD196
Format	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA.
Storage	Shipped on wet ice. Store undiluted between 2°C and 8°C and protected from prolonged exposure to light. Do not freeze.
Precautions	FITC Mouse Anti-Human CD196 [56I22T50] is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

Synonyms	BN-1; DCR2; DRY6; CCR-6; CKRL3; GPR29; CKR-L3; CMKBR6; GPRCY4; STRL22; CC-CKR-6; C-C CKR-6; CCR6.
Uniprot ID	P51684
Gene ID	1235
Background	This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane 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. [provided by RefSeq, Jul 2008]
Cellular Location	Cell membrane; Multi-pass membrane protein.
Tissue Location	Spleen, lymph nodes, appendix, and fetal liver. Expressed in lymphocytes, T-cells and B-cells but not in natural killer cells, monocytes or granulocytes.

## Validation Images



Typical flow-cytometry plots of human peripheral-blood leukocytes stained with anti-CD19-APC (F100615) and anti-CD196-FITC (F101405) (right) or with anti-CD19-APC (F100615) alone as a control (left).