

Anti-CXCL16 [4.4]

Catalogue number: 152659

Sub-type:

Images:

Contributor

Inventor:

Institute: A*STAR Accelerate Technologies Pte Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CXCL16 [4.4]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: CXCL16, a newly discovered CXC chemokine, exists both in a transmembrane and a soluble form. The membrane bound chemokine act as a ligand for CXC chemokine receptor (CXCR) 6 which is expressed by peripheral blood leukocytes. This membrane-bound CXCL16 is expressed in antigen-presenting cells such as monocytes, macrophages, B cells and dendritic cells in the T-cell zone of lymph nodes, whereas the soluble CXCL16 can be produced by constitutive cleavage from the cell membrane. In addition, CXCL16 expression has been associated with a number of human inflammatory diseases including rheumatoid arthritis, interstitial lung diseases, atherosclerosis, coronary artery disease and liver injury.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1 kappa

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: GST-CXCL16 (143-224aa) fusion protein

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: C-X-C motif chemokine 16

Target alternate names:

Target background: CXCL16, a newly discovered CXC chemokine, exists both in a transmembrane and a soluble form. The membrane bound chemokine act as a ligand for CXC chemokine receptor (CXCR) 6 which is expressed by peripheral blood leukocytes. This membrane-bound CXCL16 is expressed in antigen-presenting cells such as monocytes, macrophages, B cells and dendritic cells in the T-cell zone of lymph nodes, whereas the soluble CXCL16 can be produced by constitutive cleavage from the cell membrane. In addition, CXCL16 expression has been associated with a number of human inflammatory diseases including rheumatoid arthritis, interstitial lung diseases, atherosclerosis, coronary artery disease and liver injury.

Molecular weight:

Ic50:

Applications

Application: IF ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org