

Anti-CLEC16A [7A4]

Catalogue number: 157892

Sub-type:

Images:

Contributor

Inventor:

Institute: The University of British Columbia

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CLEC16A [7A4]

Alternate name: CLEC16A (also known as KIAA35)

Class: Monoclonal

Conjugate: Unconjugated

Description: Antibody against CLEC16A (specifically binds to C-terminal human peptide CLEC16A954-980: VIVNETEADSKPSKNVARSAAVETASL) CLEC16A is a cytosolic protein which is differentially expressed in human immune cells and is known to be highly expressed on B-lymphocytes, natural killer (NK) and dendritic cells. CLEC16A gene has been linked to several autoimmune diseases, including Addison's disease, diabetes mellitus, Crohn's disease, primary biliary cirrhosis, juvenile idiopathic arthritis, rheumatoid arthritis and multiple sclerosis. . CLEC16A has been shown to regulate various immune pathways including directly regulating leukocyte antigen class II pathway in antigen presenting cells, autophagy, mitophagy, and NK cell cytotoxicity.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity: Human

Selectivity:

Host: Rat

Immunogen: 27-mer C-terminal human peptide (CLEC16A 954-980: VIVNETEADSKPSKNVARSAAVETASL) linked to KLH

Immunogen UNIPROT ID:

Sequence:

Growth properties:
Production details:
Formulation:
Recommended controls: IgG2b
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: C-Type Lectin Domain Containing 16A

Target alternate names:

Target background: antibody against CLEC16A (specifically binds to C-terminal human peptide CLEC16A954-980: VIVNETEADSKPSKNVARSAAVETASL) CLEC16A is a cytosolic protein which is differentially expressed in human immune cells and is known to be highly expressed on B-lymphocytes, natural killer (NK) and dendritic cells. CLEC16A gene has been linked to several autoimmune diseases, including Addison's disease, diabetes mellitus, Crohn's disease, primary biliary cirrhosis, juvenile idiopathic arthritis, rheumatoid arthritis and multiple sclerosis. . CLEC16A has been shown to regulate various immune pathways including directly regulating leukocyte antigen class II pathway in antigen presenting cells, autophagy, mitophagy, and NK cell cytotoxicity.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IF ; WB

Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions:

Shipping at 4° C

Related tools

Related tools:

References

References: Clausen et al. 2003. Carbohydr Res. 338(17):1797-800. PMID: 12892947. ; Willats et al. 2001. J Biol Chem. 276(22):19404-13. PMID: 11278866.

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