

# Anti-CLEC16A [8C1]

**Catalogue number:** 158318

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** The University of British Columbia

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-CLEC16A [8C1]

**Alternate name:** CLEC16A, KIAA35

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Antibody against CLEC16A (specifically binds to C-terminal human peptide CLEC16A1,002-1,024: RALSGISQLPTLPAADTETPAEG) 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:** Mouse

**Selectivity:**

**Host:** Rat

**Immunogen:** 23-mer C-terminal mouse peptide (CLEC16A1,002-1,024: RALSGISQLPTLPAADTETPAEG) linked to KLH

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** IgG2a

**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 CLEC16A1,002-1,024: RALSGISQLPTLPAADTETPAEG) 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 ; IHC ; IF ; WB ;DB

**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:**

CancerTools.org