

Anti-CD22 [BU59]

Catalogue number: 153221

Sub-type: Primary antibody

Images:

Contributor

Inventor: Margaret Goodall

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD22 [BU59]

Alternate name: Cluster of differentiation-22; B cell receptor CD22 precursor;

Class: Monoclonal

Conjugate: Unconjugated

Description: Cluster of differentiation 22 (CD22) is a sugar binding transmembrane protein belonging to the SIGLEC family of lectins, found on the surface of mature B cells and on some immature B cells. It acts as by preventing over activation of the immune system and the development of autoimmune diseases. CD22 which binds specifically to sialic acid with its N terminal immunoglobulin domain, is a member of the immunoglobulin superfamily due to the presence of Ig domains. CD22 function as an inhibitory receptor for B cell receptor signalling and is also involved in the B cell trafficking to Peyer's patches in mice.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Tonsil derived B cells

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD22

Target alternate names:

Target background: Cluster of differentiation 22 (CD22) is a sugar binding transmembrane protein belonging to the SIGLEC family of lectins, found on the surface of mature B cells and on some immature B cells. It acts as by preventing over activation of the immune system and the development of autoimmune diseases. CD22 which binds specifically to sialic acid with its N terminal immunoglobulin domain, is a member of the immunoglobulin superfamily due to the presence of Ig domains. CD22 function's as an inhibitory receptor for B cell receptor signalling and is also involved in the B cell trafficking to Peyer's patches in mice.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 mg/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: Johnson et al. 1986. Clin Exp Immunol. 64(1):205-13. PMID: 3524917.

CancerTools.org