

Anti-CD22 [4KB71]

Catalogue number: 151664

Sub-type: Primary antibody

Images:

Contributor

Inventor: Karen Pulford

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD22 [4KB71]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: SIGLEC2 is first expressed in the cytoplasm of pre- and pro- B cells. SIGLEC2 is broadly expressed in normal and neoplastic B cells and absent from other leucocytes and tissues. SIGLEC2 is a member of the immunoglobulin superfamily and serves as an adhesion receptor for sialic acid-bearing ligands expressed on erythrocytes and all leukocyte classes. It also associates with tyrosine kinases and play a role in signal transduction and B-cell activation. SIGLEC2 is strongly expressed in hairy cell leukaemias.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Hairy cell leukaemia 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: SIGLEC2 is first expressed in the cytoplasm of pre- and pro- B cells. SIGLEC2 is broadly expressed in normal and neoplastic B cells and absent from other leucocytes and tissues. SIGLEC2 is a member of the immunoglobulin superfamily and serves as an adhesion receptor for sialic acid-bearing ligands expressed on erythrocytes and all leukocyte classes. It also associates with tyrosine kinases and play a role in signal transduction and B-cell activation. SIGLEC2 is strongly expressed in hairy cell leukaemias.

Molecular weight:

Ic50:

Applications

Application: IHC

Application notes:

Handling

Format: Liquid

Concentration: 1 mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: PBS with 0.02% azide

Storage conditions: -80° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Cited by 24 subsequent publications including: ; Ivaska, J. et al. 2002. EMBO J. 21:3608-19. PMID: 12110574 ; Kermorgant, S. et al. 2004. EMBO J. 23: 3721:34. PMID 15385963 ; Pardo et al. 2006. EMBO J. 25(13):3078-88. PMID: 16810323. ; FGF-2 protects small cell lung cancer cells from apoptosis through a complex involving PKCepsilon, B-Raf and S6K2.

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