

Anti-CD74 [BU45]

Catalogue number: 153218

Sub-type: Primary antibody

Images:

Contributor

Inventor: Margaret Goodall

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CD74 [BU45]

Alternate name: HLA class II histocompatibility antigen gamma chain; HLA-DR antigens-associated invariant chain; Cluster of Differentiation 74

Class: Monoclonal

Conjugate: Unconjugated

Description: CD74 is expressed primarily by antigen presenting cells such as B lymphocytes , macrophages and monocytes together, with many epithelial cells. CD74 may exist in different isoforms ranging in size from 33 to 41kDa, depending on genetic splicing. CD74 is a type II transmembrane protein which binds to the binding groove of nascent MHC class II alpha/beta heterodimers preventing their premature association with endogenous polypeptides. The half life of CD74 on the cell surface is relatively short ...

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: B lymphoblastoid cell line: HFB1

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: CD74

Target alternate names:

Target background: CD74 is expressed primarily by antigen presenting cells such as B lymphocytes , macrophages and monocytes together, with many epithelial cells. CD74 may exist in different isoforms ranging in size from 33 to 41kDa, depending on genetic splicing. CD74 is a type II transmembrane protein which binds to the binding groove of nascent MHC class II alpha/beta heterodimers preventing their premature association with endogenous polypeptides. The half life of CD74 on the cell surface is relatively short ...

Molecular weight:

Ic50:

Applications

Application: 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: Leucocyte Typing V, (1995): edited by S.F. Schlossman, OUP, Oxford. ; Leucocyte Typing VI, (1998): edited by T. Kishimoto, Garland Publishing, New York. ; Masilamani et al. 2002. J Immunol Methods. 270(1):11-8. PMID: 12379334. ; Ling et al. 1998. Clin Exp Immunol. 113(3):360-6. PMID: 9737663. ; Ling et al. 1992. Immunobiology. 185(2-4):403-14. PMID: 1280620. ; Buescher et al. 1991. Public Health Rep. 106(3):333-8. PMID: 1905057.

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