

Anti-HLADR [BU43]

Catalogue number: 151438

Sub-type: Primary antibody

Images:

Contributor

Inventor: Roy Jefferis

Institute: University of Birmingham

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HLADR [BU43]

Alternate name: CD74 Molecule; HLA-DR Antigens-Associated Invariant Chain; Gamma Chain Of Class II Antigens; Ia-Associated Invariant Chain; MHC HLA-DR Gamma Chain; DHLAG; P33; CD74 Antigen; Ia-GAMMA; HLADG

Class: Monoclonal

Conjugate: Unconjugated

Description: HLA-DR-associated invariant chain (CD74) plays a role in antigen presentation. In addition to its expression on antigen-presenting cells, CD74 is expressed by carcinomas of renal, lung, gastric, and thymic origin and by certain sarcomas. The restricted expression of CD74 by normal tissues and its very rapid internalization make CD74 an attractive therapeutic target for both cancer and immunologic diseases. It has also been shown to have value as a gastric carcinoma marker.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgM

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: HFB1 plasmacytoid cell line

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human Leukocyte Antigen-DR locus (HLA-DR) associated invariant chain (CD74)

Target alternate names:

Target background: HLA-DR-associated invariant chain (CD74) plays a role in antigen presentation. In addition to its expression on antigen-presenting cells, CD74 is expressed by carcinomas of renal, lung, gastric, and thymic origin and by certain sarcomas. The restricted expression of CD74 by normal tissues and its very rapid internalization make CD74 an attractive therapeutic target for both cancer and immunologic diseases. It has also been shown to have value as a gastric carcinoma marker.

Molecular weight:

Ic50:

Applications

Application: FACS ; IHC ; IP ; RIA

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: Kishimoto T. et al. (Eds.) 1997. Leukocyte Typing VI. Garland Publishing Inc. ISBN-13: 978-0815327455 ; Leukocyte Typing VI. Kishimoto T. et al. (Eds.), Garland Publishing Inc. (1997) ; Langermans et al. 2000. J Med Primatol. 29(6):397-401. PMID: 11168830. ; Reactivity of human T-lymphocyte-specific antibodies with peripheral blood mononuclear cells and spleen of *Aotus azarae* ssp. *boliviensis* (owl monkey).

CancerTools.org