

# Anti-HLADRC74 [By2]

**Catalogue number:** 151372

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Karen Pulford

**Institute:** University of Oxford

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HLADRC74 [By2]

**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:** IgG1

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** B cell lymphoma cells

**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 ; IF ; IP ; WB

**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:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** CD Guide for CD71 (1989) In Knapp W, et al (eds) Leucocyte Typing IV, Oxford University Press, Oxford, New York and Tokyo, p 1091

CancerTools.org