

# Anti-MHCII [BU20]

**Catalogue number:** 151492

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Margaret Goodall ; D.L. Hardie ; Roy Jefferis ; Ian MacLennen

**Institute:** University of Birmingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-MHCII [BU20]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and HLA-C) and class II (HLA-D).

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG1

**Reactivity:**

**Selectivity:**

**Host:** Mouse

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Major Histocompatibility Complex (MHC II)

**Target alternate names:**

**Target background:** Human Leukocyte Antigens are highly polymorphic proteins that are involved in the presentation of antigens to the T-cell receptor. There are two classes of HLA antigens, class I (HLA-A, HLA-B and HLA-C) and class II (HLA-D).

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** RPMI 1640 + 10% FCS

**Storage conditions:** -15° C to -25° C

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

## Related tools

**Related tools:**

## References

**References:** Knapp W. et al. 1989. Leukocyte Typing IV. Oxford University Press. ISBN-13: 978-

0192618672 ; Hollenbaugh et al. 1992. EMBO J. 11(12):4313-21. PMID: 1385114. ; The human T cell antigen gp39, a member of the TNF gene family, is a ligand for the CD40 receptor: expression of a soluble form of gp39 with B cell co-stimulatory activity. ; Luo et al. 1992. J Immunol. 148(6):1630-4. PMID: 1371783. ; Ly-1 (CD5), a membrane glycoprotein of mouse T lymphocytes and a subset of B cells, is a natural ligand of the B cell surface protein Lyb-2 (CD72).

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