

# Anti-MHC I [BU101]

**Catalogue number:** 153211

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Margaret Goodall

**Institute:** University of Birmingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-MHC I [BU101]

**Alternate name:** Major histocompatibility complex I; HLA class I histocompatibility antigen; Human leukocyte antigen; MHC2TA

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** MHC Class I is a heterodimeric protein, consisting of a heavy and light chain. Class I molecules are expressed by most haematopoietic cells and play a central role in the immune response.

**Purpose:** Marker

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgM

**Reactivity:** Human

**Selectivity:**

**Host:** Mouse

**Immunogen:** Waldenstrom's Macroglobulinaemia

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** MHC I

**Target alternate names:**

**Target background:** MHC Class I is a heterodimeric protein, consisting of a heavy and light chain. Class I molecules are expressed by most haematopoietic cells and play a central role in the immune response.

**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:** -20° C

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

## Related tools

**Related tools:**

## References

**References:** Andersen et al. 2011. Mol Cells. 32(2):133-42. PMID: 21614487. ; Development of novel

monoclonal antibodies that define differentiation stages of human stromal (mesenchymal) stem cells.

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